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1974
Mar/May

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

MARCH, APRIL, AND MAY 1974

REPORT 19M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

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mar/may

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

AM NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES

CA NATIONAL CANCER INSTITUTE

- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CN OFFICE OF CANCER CONTROL
- CM DIVISION OF CANCER TREATMENT
- CP DIVISION OF CANCER CAUSE AND PREVENTION

CL CLINICAL CENTER

CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY

DE NATIONAL INSTITUTE OF DENTAL RESEARCH

ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

EY NATIONAL EYE INSTITUTE

GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES

HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

HL NATIONAL HEART AND LUNG INSTITUTE

- HV DIVISION OF HEART AND VASCULAR DISEASES
- HB DIVISION OF BLOOD DISEASES AND RESOURCES
- HT DIVISION OF TECHNOLOGICAL APPLICATION
- HR DIVISION OF LUNG DISEASES
- HI DIVISION OF INTRAMURAL RESEARCH
- HO OFFICE OF THE NHLI DIRECTOR

JT JOINT (TWO OR MORE SUPPORTING INSTITUTES OR DIVISIONS)

LM NATIONAL LIBRARY OF MEDICINE

NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE

OD OFFICE OF THE DIRECTOR, NIH

RG DIVISION OF RESEARCH GRANTS

RR DIVISION OF RESEARCH RESOURCES

RS DIVISION OF RESEARCH SERVICES

TW FOGARTY INTERNATIONAL CENTER

NIH

SUMMARY OF NEW GRANTS AND AWARDS ANNOUNCED DURING MARCH, APRIL AND MAY 1974

INSTITUTE OR DIVISION	RESEARCH GRANTS		RESEARCH CONTRACTS		RESEARCH TRAINING GRANTS		RESEARCH FELLOWSHIPS		RESEARCH CAREER PROGRAM AWARDS		EDUCATION GRANTS	CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO. DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AI	94	3,416,076	4	174,571	1	42,375	12	119,947	16	364,083					
AM	203	9,815,374	2	31,085			25	418,952	6	132,947					
CA	234	13,140,435			13	837,278	51	674,238	8	159,840		1	6,134,097		
CB			11	1,208,984											
CM			13	5,815,088											
CN			9	1,117,154											
CO			1	347,000											
CP			23	5,353,688											
DE	54	1,920,651	2	332,720			6	66,979							
ES	51	2,008,619	1	52,054					1	24,222					
EY	62	2,790,414			6	445,778	2	45,400	3	73,000					
GM	174	9,017,665			7	577,546	66	594,509	14	287,485					
HD	182	8,455,111	22	1,572,246	3	180,009	21	227,343	6	124,791					
HL	174	12,862,554			8	724,564	5	53,500	14	519,684					
HO			2	398,530											
HR			1	28,000											
HV			6	2,539,671											
LM	9	281,300	8	317,584	2	181,697			1	56,221				34	795,656
NS	171	9,010,496	1	169,274	5	357,362	22	283,821	7	148,952					
OD			1	34,177											
RR	40	5,246,637	1	5,000											
TW							35	411,042							
	1,448	77,965,332	108	19,496,826	45	3,346,609	245	2,895,731	76	1,891,225		1	6,134,097	34	795,656

* INCLUDES DIRECT COST ONLY FOR RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
AUBURN			
AUBURN UNIVERSITY			
NS11205-01	BREEN, DONNA L	BARBITURATE COMPLEXATION WITH MITOCHONDRIAL COENZYMES	14,350
INSTITUTION TOTAL	1	14,350	
CITY TOTAL	1	14,350	
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
DE03864-01	BUTLER, WILLIAM T	BIOCHEMISTRY OF PERIODONTAL TISSUES	41,686
AM17483-01	CHEUNG, HERBERT C	RAPID KINETIC STUDIES OF MYOSIN ADENOSINETRIPHOSPHATE	55,627
AM17535-01	HURST, ROBERT E	HIGH RESOLUTION SEPARATIONS OF GLYCOSAMINOGLYCANS	42,704
AM16729-01	KOCHAKIAN, CHARLES D	STEROID DEHYDROGENASES OF MAMMALIAN TISSUES	25,911
CA16764-01	PRETLOW, THOMAS G, II	CARCINOMA OF THE COLON	48,753
CA15089-01	PRETLOW, THOMAS G, II	CHEMICAL CARCINOGENESIS IN VITRO	50,940
CA16430-01	PRETLOW, THOMAS G, II	CARCINOMA OF THE PROSTATE	29,847
AM17315-01	SPENNEY, JERRY G	CONDUCTANCE PATHWAYS IN ACUTE GASTRODUODENAL INJURY	31,121
INSTITUTION TOTAL	8	326,589	
CITY TOTAL	8	326,589	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
CA16048-01	BAUGH, CHARLES M	CANCER CHEMOTHERAPY: GAMMAGLUTAMATES OF METHOTREXATE	27,108
RR00834-01	FARNELL, DANIEL R	SUPPORT FOR ANIMAL-CARE FACILITY	50,717
GM21243-01	LAYCOCK, DAVID G	GENE MAPPING BY A MOLECULAR APPROACH	35,957
AI11527-01	MORGAN, PAUL H	ACTIVATION OF THE FIRST COMPONENT OF COMPLEMENT	30,771
HL17175-01	WILKERSON, ROBERT D	ROLE OF PROSTAGLANDINS IN LUNG DYSFUNCTION DURING SHOCK	27,746
INSTITUTION TOTAL	5	172,299	
CITY TOTAL	5	172,299	
TUSKEGEE INSTITUTE			
TUSKEGEE INSTITUTE			
RR00878-01	JONES, WILLIAM O	DEVELOPMENT OF A CENTRALIZED ANIMAL RESOURCE FACILITY	145,109
INSTITUTION TOTAL	1	145,109	
CITY TOTAL	1	145,109	
UNIVERSITY			
UNIVERSITY OF ALABAMA			
CA15628-01	ABRAMOVITCH, RUDOLPH A	PYRROLE DERIVATIVES AS ANTICANCER AGENTS	27,450

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
UNIVERSITY			
UNIVERSITY OF ALABAMA			
ES00674-01	HAYES, A WALLACE	CARCINOGENICITY OF ENVIRONMENTAL MYCOTOXINS	56,576
INSTITUTION TOTAL	2	84,026	
CITY TOTAL	2	84,026	
STATE TOTAL	17	742,373	
ALASKA			
COLLEGE			
UNIVERSITY OF ALASKA			
RR00877-01	LUICK, JACK R	SUPPORT FOR ANIMAL-CARE FACILITY	50,823
INSTITUTION TOTAL	1	50,823	
CITY TOTAL	1	50,823	
STATE TOTAL	1	50,823	
ARIZONA			
TEMPE			
ARIZONA STATE UNIVERSITY			
HD08567-01	GREENWOOD, MICHAEL J	SIMULTANEOUS EQUATION STUDY OF MIGRATION IN MEXICO	46,807
RR00777-01	LINDHOLM, ERNEST P	IMPROVING ANIMAL CARE FACILITIES	16,600
HD06532-01A1	MC GAUGHEY, ROBERT W	ANALYSIS OF MAMMALIAN OVARIAN FOLLICULAR FLUIDS	48,310
CA16049-01	PETTIT, GEORGE R	NATURALLY OCCURRING ANTINEOPLASTIC AGENTS	65,622
GM19583-01	WOOLF, CHARLES M	BEHAVIOR GENETICS--PHOTOTAXIS-GEOTAXIS IN DROSOPHILA	16,861
INSTITUTION TOTAL	5	194,200	
CITY TOTAL	5	194,200	
TUCSON			
UNIVERSITY OF ARIZONA			
HL16385-01	CHVAPIL, MILOS	LIPID PEROXIDATION AND METALS IN VESSEL WALL INJURY	73,800
AM15504-01A1	HRUBY, VICTOR J	SYNTHESIS AND RECEPTOR STUDIES OF HORMONE ANALOGS	20,590
HD07480-01	KAY, MARGARITA A	THE ETHNOSEMANTICS OF MEXICAN AMERICAN FERTILITY	28,197
AM17723-01	KIM, HYUN D	MEMBRANE-LIMITED METABOLISM IN MAMMALIAN RED CELLS	49,183
AI11687-01A1	LUCAS, DAVID O	INTERFERON PRODUCTION BY LEUKOCYTES	23,148
GM21534-01	SALEMME, FRANCIS R	CYTOCHROME STRUCTURE AND INTERACTION	25,000
CA13612-01A1	SALMON, SYDNEY E	SOUTHWEST CANCER CHEMOTHERAPY STUDY GROUP	34,697
INSTITUTION TOTAL	7	254,615	
CITY TOTAL	7	254,615	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	12	448,815	
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
GM21446-01	CAVE, MAC D	MODES OF DNA AMPLIFICATION EXPRESSED BY OOCYTES	20,290
EY01294-01	FRAUNFELDER, FREDERICK T	EXPERIMENTAL CRYOTHERAPY OF OPHTHALMIC MALIGNANCIES	26,291
AM16483-01A1	WINTER, CHARLES G	PURIFICATION OF ACTIVE FRAGMENTS OF THE SODIUM PUMP	24,450
INSTITUTION TOTAL	3	71,031	
CITY TOTAL	3	71,031	
STATE TOTAL	3	71,031	
CALIFORNIA			
BERKELEY			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY--DEPARTMENT OF PUBLIC HEALTH			
HD07598-01	SCHOEN, ROBERT	DEMOGRAPHIC PORTRAIT OF SPANISH-SURNAMED CALIFORNIANS	44,753
INSTITUTION TOTAL	1	44,753	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
GM20579-01	BUCHANAN, BOB B	REGULATORY MECHANISMS IN CARBOHYDRATE SYNTHESIS	24,849
ES00700-01	FRAENKEL-CONRAT, HEINZ L	THE MECHANISM OF THE NEUROTOXICITY OF VENOMS	36,484
GM19452-01	GLAESER, ROBERT M	ELECTRON CRYSTALLOGRAPHY OF BIOLOGICAL STRUCTURES	21,700
AI11607-01	HEATHCOCK, CLAYTON H	SYNTHESIS OF MACROCYCLIC LACTONES	29,648
AM16259-01A2	LYMAN, RICHARD L	PROTEIN, TRYPSIN INHIBITORS AND PANCREATIC SECRETION	27,981
GM20571-01	MALKIN, RICHARD	IRON-SULFUR PROTEINS AS CARRIERS IN ELECTRON TRANSFER	10,962
GM21077-01	SATIR, BIRGIT H	MEMBRANES PRIOR TO AND DURING FUSION IN SECRETION	40,000
HL16959-01	SYME, S LEONARD	HYPERTENSION EDUCATION IN A LOW INCOME COMMUNITY	119,561
ES00926-01	WEI, EDDIE T	TOXICOLOGY OF PARAQUAT	17,955
INSTITUTION TOTAL	9	329,140	
CITY TOTAL	10	373,893	
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
HD07252-01	BRADFORD, G ERIC	GENETIC AND ENDOCRINE CONTROL OF PRENATAL LOSS	40,916
HL16604-01	BURGER, RAY E	FUNCTION OF PULMONARY CHEMOSENSITIVITY	95,604
AI11886-01	COLBY, CLARENCE, JR	INTERFERON SYSTEM: A GENETIC AND BIOCHEMICAL ANALYSIS	45,167
AM16716-01	FOWLER, WILLIAM M, JR	PATHOPHYSIOLOGICAL BASES OF MUSCLE DISEASES	290,000
NS11565-01	HENRY, KENNETH R	DISUSE SUPERSENSITIVITY OF THE AUDITORY SYSTEM	67,967

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
ES00801-01	HSIEH, DENNIS P	METABOLISM OF AFLATOXIN B1	37,774
HL16608-01	JACOBUS, WILLIAM E	CARDIAC CREATINE KINASE - PROPERTIES AND LOCALIZATION	66,829
ES00735-01	KILGORE, WENDELL W	STUDY OF PARATHION AS A PUBLIC HEALTH HAZARD	177,304
AI12095-01	KOZEK, WIESLAW J	IMMUNOBIOLOGY OF BRUGIA MALAYI	23,663
HD06698-01A1	MEIZEL, STANLEY	BIOCHEMICAL STUDIES OF IN VITRO SPERM CAPACITATION	36,452
AI12158-01	PAPPAGIANIS, DEMOSTHENES	ROLE OF LYMPHOCYTES IN IMMUNITY TO COCCIDIOIDOMYCOSIS	26,206
AM15278-01A2	RIGGINS, RICHARD S	THE STUDY OF SCOLIOSIS	27,369
HD07331-01	RUEBNER, BORIS H	BILE PIGMENT METABOLISM IN FETAL AND NEWBORN MONKEYS	26,202
CA15962-01A1	STOWELL, ROBERT E	EFFECTS OF SEX ON COLON CARCINOGENESIS	38,384
HD08645-01	VACQUIER, VICTOR D	BIOCHEMISTRY OF SPERM-EGG BINDING	47,698
INSTITUTION TOTAL	15	1,047,535	
CITY TOTAL	15	1,047,535	
DUARTE			
CITY OF HOPE MEDICAL CENTER			
NS11798-01	BURTON, JOHN E	CEREBELLAR CORRELATES OF MOTOR PERFORMANCE	22,515
NS10460-01A2	ISHIKAWA, KOICHI	NEUROPHYSIOLOGY OF EXCITABLE CELLS IN VITRO	72,428
NS10224-01A1	KENTON, BERNARD	NEUROPHYSIOLOGICAL STUDY OF PAIN AND SOMATIC SENSATION	26,301
INSTITUTION TOTAL	3	121,244	
CITY TOTAL	3	121,244	
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
ES00726-01	ARDITTI, JOSEPH	BIOLOGICAL EFFECTS OF SURFACTANTS	29,600
CA15671-01	DETTMAN, GERALDINE L	MYELOMA PROTEINS, MECHANISMS OF SYNTHESIS REGULATION	27,279
AM15621-01A1	HALL, PETER F	BIOCHEMISTRY OF CYTOCHROME P.450; STEROID HYDROXYLATION	27,280
NS11589-01	LYNCH, GARY S	INTEGRATIVE NEUROANATOMY	27,552
HD07981-01	MC GAUGH, JAMES L	PSYCHOPHYSIOLOGY OF MEMORY AND AGING	64,754
HD07074-01	MOSIER, H DAVID, JR	MECHANISMS CONTROLLING GROWTH RATE	36,272
AM18064-01	SASSIN, JOHN F	GROWTH HORMONE AND STEROID RELEASE IN SLEEP	31,000
CA16343-01	SUTHERLAND, JOHN C	MECHANISM OF ACTION OF THE PHOTOREACTIVATING ENZYME	50,000
NS10837-01A1	WHITE, STEPHEN H	MODEL STUDIES OF MYELIN STABILITY	39,049
RR00731-01	WINCHESTER, WILLIAM J	SUPPORT FOR ANIMAL-CARE FACILITY	61,857
INSTITUTION TOTAL	10	394,643	
CITY TOTAL	10	394,643	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA15581-01	DENNERT, GUNTHER	IMMUNE RESPONSE TO TUMOR CELL SURFACE ANTIGENS	91,650
NS11719-01	LENNON, VANDA A	T AND B CELLS IN EXPERIMENTAL ALLERGIC ENCEPHALITIS	64,669
CA15122-01A1	NICOLSON, GARTH L	CELL SURFACE PROPERTIES OF METASTATIC TUMORS	96,310
CA15087-01	PAUL, DIETRICH	GROWTH CONTROL OF SV40 VIRUS TRANSFORMED 3T3 CELLS	50,000
CA15114-01	PINTO DA SILVA, PEDRO G	PLASMA MEMBRANES OF NORMAL AND CANCER CELLS	43,020
CA16123-01	SHIER, W THOMAS	ESTERASES AND AMIDASES IN ONCOGENIC TRANSFORMATION	39,963
CA15365-01	WALTER, GERNOT F	SURFACE CHANGES IN VIRUS TRANSFORMED CELLS	29,250
INSTITUTION TOTAL	7	414,862	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA15586-01	DAVID, GARY S	ENHANCEMENT AND CELLULAR IMMUNITY IN TUMOR SYSTEMS	46,967
GM19674-01	HOCH, JAMES A	CONTROL OF ENZYME SYNTHESIS AND REGULATION	17,071
CA14312-01A1	LEFFERT, HYAM L	STUDY OF TISSUE REGENERATION IN ANIMALS	40,360
CA13465-01A2	LONGMIRE, ROBERT L	HODGKIN'S DISEASE AND LYMPHORETICULAR ACTIVITIES	35,000
HL16411-01	MULLER-EBERHARD, HANS J	BLOOD SYSTEMS IN COAGULATION AND VESSEL DISEASE	446,843
RR00833-01	VAUGHAN, JOHN H	GENERAL CLINICAL RESEARCH CENTER	563,357
INSTITUTION TOTAL	6	1,149,598	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
AI11643-01A1	BRAUDE, ABRAHAM I	GONOCOCCAL INFECTION	41,161
AM16625-01A1	COUTTS, RICHARD D	EFFECT OF DELAYED INTERNAL FIXATION ON FRACTURE HEALING	26,719
GM20501-01A1	DENNIS, EDWARD A	ACTION OF LIPOLYTIC ENZYMES	46,405
GM21110-01	FRANCKE, UTA	INTRACHROMOSOMAL GENE MAPPING IN MAN	62,274
RR00827-01	GROBSTEIN, CLIFFORD	GENERAL CLINICAL RESEARCH CENTER	774,023
HD06634-01A1	HAMBURGER, ROBERT N	DEVELOPMENT AND GENETIC CONTROL OF IGE	33,400
NS11704-01	HAMMEL, HAROLD T	THERMOREGULATORY AND OSMOREGULATORY RESPONSES	43,463
HL16855-01	HEMMINGSEN, EDVARD A	CAVITATION IN BIOLOGICAL SYSTEMS	71,108
HL16255-01	HOUGIE, CECIL	ARTERIAL LESIONS AND THROMBOEMBOLISM	28,363
AM17276-01	KAGNOFF, MARTIN F	GASTROINTESTINAL LYMPHOID CELL FUNCTIONS	32,782
RR00708-01	KAPLAN, NATHAN O	SPECIAL RESOURCE FOR NMR AND MASS SPECTROMETRY	258,649
HL15244-01	LANG, JOSEPH H	DEVELOPMENT OF METHODS FOR DIAGNOSIS OF THROMBOSIS	97,472
AM17581-01	ORLOFF, MARSHALL J	STUDIES OF PANCREAS TRANSPLANTATION	60,211
HD08694-01	SCHULMAN-GALAMBOS, CAROL A	STUDY OF AUDITORY FUNCTION IN INFANCY	38,621
AI11780-01	SELL, STEWART	CELLULAR CONTRIBUTIONS TO IMMUNITY	41,006
NS11735-01	SMITH, TIMOTHY S	ELECTROPHYSIOLOGICAL CORRELATES OF LANGUAGE PROCESSING	93,585
HL16698-01	WEST, JOHN B	VENTILATION-PERFUSION DISTRIBUTIONS IN LUNG DISEASE	144,167
NS10627-01A1	WIGHTMAN, FREDERIC L	PITCH PERCEPTION AS AUDITORY PATTERN-RECOGNITION	52,372
INSTITUTION TOTAL	18	1,945,781	
CITY TOTAL	31	3,510,241	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CALIFORNIA				
LOMA LINDA				
LOMA LINDA UNIVERSITY				
DE03844-01	OLIVER, RICHARD C		SUBGINGIVAL PLAQUE INHIBITION AND PERIODONTAL HEALING	
INSTITUTION TOTAL	1	44,090		
CITY TOTAL	1	44,090		
LOS ANGELES				
CEDARS-SINAI MEDICAL CENTER				
AM16352-01	MASSRY, SHAUL G		CATECHOLAMINES, ADH, AND WATER METABOLISM	44,044
INSTITUTION TOTAL	1	44,044		
CHARLES R. DREW POSTGRADUATE MEDICAL SCHOOL				
HD06475-01A1	GREENBERG, ROBERT E		HEPATIC GLUCOSE PRODUCTION DURING DEVELOPMENT	53,338
NS11119-01	PERCY, ALAN K		SPHINGOLIPID METABOLISM IN SELECTED HUMAN TISSUES	[illegible]
INSTITUTION TOTAL	2	102,201		
OCCIDENTAL COLLEGE				
HD08444-01	MAYS, LAURA L		RELATION OF TRNA TO PROTEIN ERRORS IN AGING RAT LIVER	[illegible]
INSTITUTION TOTAL	1	73,844		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
HD06341-01A1	ADAMS, FORREST H		RESPIRATORY DISTRESS SYNDROME	41,062
CA15659-01	AYLING, JUNE E		INHIBITION OF PTERIDINE ENZYMES IN CANCER CHEMOTHERAPY	[illegible]
CA15813-01	BAKER, NOME		LIPID TRANSPORT, SYNTHESIS AND METABOLISM IM CANCERS	38,223
HD08317-01	BARBER, ALBERT A		MEMBRANE CHANGES DURING AGING AND VITAMIN E DEFICIENCY	[illegible]
NS10928-01	BUTCHER, LARRY L		DOPAMINE AND AN ANIMAL MODEL OF PARKINSON'S DISEASE	50,570
CA15619-01	CLINE, MARTIN J		NORMAL AND MALIGNANT HEMATOPOIETIC CELL REPLICATION	53,445
NS10423-01A2	EDGERTON, V REGGIE		SIGNIFICANCE OF MUSCLE FIBER TYPES	46,414
AM16596-01	FONKALSRUD, ERIC W		HEPATIC RETICULUM CELLS AS SURGICAL IMMUNE ADJUVANTS	29,895
CA16364-01	FOX, CHARLES F		MECHANISMS OF VIRUS DISEASE	[illegible]
HD06903-01	GAINES, ROSSLYN		EFFECT OF PARENT TRAINING ON LEARNING BY DEAF CHILDREN	40,000
ES00852-01	GONICK, HARVEY C		ENVIRONMENTAL TRACE METAL INTOXICATIONS OF THE KIDNEY	37,308
AM17328-01	GROSSMAN, MORTON I		PEPTIC ULCER CENTER	890,676
CA15276-01	HERSCHMAN, HARVEY R		INDUCTION AND CULTURE OF EGF-DEPENDENT SKIN TUMORS	34,321
EY01309-01	MEYERS, ROBERTA L		PATHOGENESIS OF EXPERIMENTAL ALLERGIC UVEITIS	22,816
NS11443-01	NAMEROW, NORMAN S		COMPUTATIONAL INVESTIGATIONS OF PROBLEMS IN NEUROLOGY	65,972
NS11468-01	SCHEIBEL, ARNOLD B		DEVELOPMENT OF RHYTHMIC PROCESSES IN NEONATAL THALAMUS	41,662
HL16577-01	SCHOTZ, MICHAEL C		LIPOPROTEIN LIPASE: CHEMISTRY AND FUNCTION	141,772
HL16889-01	SCHUMAKER, VERNE N		CHARACTERIZATION OF VERY LOW-DENSITY LIPOPROTEINS	20,633

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CA14840-01A1	VAN LANCKER, JULIEN L	ROLE OF REPAIR ENZYMES IN PATHOGENESIS OF LIVER CANCER	37,192
DE03859-01	WHITE, STUART C	STUDY OF IMMUNOPATHOLOGIC MECHANISMS OF EAS	7,500
INSTITUTION TOTAL 20		1,675,148	
UNIVERSITY OF SOUTHERN CALIFORNIA			
HD08126-01	AHMAD, NAZIR	ANDROGENIC REGULATION OF SPERMATOGENESIS	81,494
AM16367-01	APPLEMAN, M MICHAEL	CYCLIC NUCLEOTIDE PHOSPHODIESTERASE	23,479
HD07338-01	FINCH, CALEB E	AGING AND BIOSYNTHESIS IN NON-DIVIDING CELLS	29,787
GM21422-01	GOODMAN, MYRON F	ERROR CORRECTION IN REPLICATING T4 BACTERIOPHAGE	68,925
CA16014-01	KHWAJA, TASNEEM A	PRECLINICAL EVALUATION OF URICYTIN	68,487
AM16404-01	NIMNI, MARCEL E	COLLAGEN IN OSTEOARTHRITIC CARTILAGE	42,900
AM16081-01	OLDHAM, SUSAN B	PARATHYROID REGULATION AND VITAMIN D ACTIVATION	29,717
CA14673-01A1	PARKER, JOHN W	PERIODATE INDUCED LYMPHOCYTE TRANSFORMATION	37,480
HD07377-01	QUILLIGAN, EDWARD J	MECHANISMS OF FETAL CEREBRAL VASCULAR CONTROL	62,475
NS11657-01	TENG, E L	RELATIONS BETWEEN L & R HEMISPHERIC SPECIALIZATIONS	40,513
AM17054-01	WILCOX, WILLIAM R	STUDIES ON SODIUM URATE NUCLEATION	55,852
AM17679-01	YATES, FRANCIS E	ANALYSIS OF GLUCOCORTICOID SYSTEM FUNCTIONS	55,870
INSTITUTION TOTAL 12		596,979	
CITY TOTAL 36		2,492,216	
MENLO PARK			
INSTITUTE OF ORTHOMOLECULAR MEDICINE			
GM21197-01	PAULING, LINUS C	MEDICAL DIAGNOSIS BY MASS SPECTROMETRY	146,229
INSTITUTION TOTAL 1		146,229	
STANFORD RESEARCH INSTITUTE			
RR00870-01	BARTH, ROGER A	ANIMAL CARE FACILITY IMPROVEMENTS	75,000
AI11231-01A1	CORY, MICHAEL J	SYNTHESIS OF COMPLEMENT INHIBITORS	19,274
EY01031-01	CRANE, HEWITT D	EXPERIMENTAL STUDY OF VISUAL ACCOMMODATION	61,400
NS11053-01	JOHNSON, HOWARD L	NONMAST CELL HISTAMINE IN THE BRAIN	53,791
CA15005-01A1	LIN, YING-TSUNG	RATIONAL MODIFICATION OF SOME ANTITUMOR AGENTS	49,295
AM17150-01	SYRETT, BARRY C	ASSESSMENT OF TRIP STEELS FOR ORTHOPEDIC IMPLANTS	35,454
INSTITUTION TOTAL 6		294,214	
CITY TOTAL 7		440,443	
OAKLAND			
CHILDREN'S HOSPITAL MEDICAL CENTER OF NORTHERN CALIFORNIA			
AM16073-01A1	SMITH, STUART	STRUCTURE AND SPECIFICITY OF LIPOGENIC ENZYMES	28,651

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

				DOLLARS
CALIFORNIA				
PALO ALTO				
PALO ALTO MEDICAL RESEARCH FOUNDATION				
EY01254-01	LITTLE, HUNTER L		ROLE OF ABNORMAL HEMORHEOLOGY IN DIABETIC RETINOPATHY	117,000
INSTITUTION TOTAL	1	117,000		
CITY TOTAL	1	117,000		
PASADENA				
CALIFORNIA INSTITUTE OF TECHNOLOGY				
CA15006-01A1	BERGMAN, ROBERT G		CHEMISTRY OF NONBENZENOID AROMATIC MOLECULES	31,310
GM20927-01A1	DAVIDSON, ERIC H		STUDY OF SEQUENCE STRUCTURE OF THE EUKARYOTIC GENOME	284,396
CA15926-01	DREYER, WILLIAM J		IMMUNO REAGENTS FOR TUMOR RESEARCH AND IMMUNOTHERAPY	65,425
NS11756-01	LESTER, HENRY A		CONDUCTANCE OF NICOTINIC ACETYLCHOLINE RECEPTORS	48,810
INSTITUTION TOTAL	4	429,941		
CITY TOTAL	4	429,941		
RIVERSIDE				
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT RIVERSIDE				
GM21431-01	KEARNS, DAVID R		STRUCTURAL STUDIES OF RNA	102,000
AM16595-01	OKAMURA, WILLIAM H		PREPARATION OF VITAMIN D ANALOGS AND METABOLITES	28,164
AI11254-01	PLATZER, EDWARD G		FOLATE METABOLISM IN MALARIAL PARASITES	21,975
GM20602-01	RADLICK, PHILLIP C		SYNTHESIS OF POTENTIAL NEW PSYCHOACTIVE MOLECULES	62,928
GM21424-01	TRAUGH, JOLINDA A		EFFECTS OF RIBOSOME PHOSPHORYLATION ON TRANSLATION	63,730
INSTITUTION TOTAL	5	278,797		
CITY TOTAL	5	278,797		
SACRAMENTO				
CALIFORNIA STATE HEALTH AND WELFARE AGENCY--DEPARTMENT OF PUBLIC HEALTH				
CA16000-01	DUNN, JOHN E, JR		DIET AND BREAST CANCER IN JAPANESE-AMERICAN WOMEN	19,800
INSTITUTION TOTAL	1	19,800		
CITY TOTAL	1	19,800		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN DIEGO			
LABORATORY FOR COMPARATIVE BIOCHEMISTRY			
HL16931-01	BARTLETT, GRANT R	RED CELL STORAGE AND TRANSFUSION	79,881
INSTITUTION TOTAL	1	79,881	
CITY TOTAL	1	79,881	
SAN FRANCISCO			
AMERICAN SOCIETY OF HEMATOLOGY			
CA16509-01	BRECHER, GEORGE	INTERNATIONAL CONGRESS OF HEMATOLOGY	15,000
INSTITUTION TOTAL	1	15,000	
CHILDREN'S HOSPITAL OF SAN FRANCISCO			
HD06554-01A1	BARTOLUCCI, LOUIS	GROWTH OF THE HUMAN FETUS. A LONGITUDINAL STUDY	27,787
INSTITUTION TOTAL	1	27,787	
INSTITUTES OF MEDICAL SCIENCES			
NS10901-01	FINLEY, KNOX H	FETAL INFECTION WITH WESTERN ENCEPHALITIS VIRUS	5,374
HL16494-01	OSBORN, JOHN J	OXYGEN UPTAKE, RQ, AND AIRFLOW IN RESPIRATOR PATIENTS	23,098
INSTITUTION TOTAL	2	28,472	
NORTHERN CALIFORNIA CANCER COUNCIL			
CA15925-01	MONARDO, GEORGE D	EXPLORATORY STUDIES IN CANCER RESEARCH	25,275
INSTITUTION TOTAL	1	25,275	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CA14894-01	APPLE, MARTIN A	DRUGS PREVENTING ONCORNA VIRUS CANCERS: ANTHRACYCLINES	40,050
HL16918-01	BAXTER, JOHN D	ROLE OF STEROIDS IN HYPERTENSION	48,995
DE03861-01	BHATNAGAR, RAJENDRA S	REGULATION OF COLLAGEN BIOSYNTHESIS	52,862
HD08340-01	BIER, DENNIS M	STABLE ISOTOPE STUDIES OF FUEL TRANSPORT IN CHILDREN	54,312
HD07239-01	CHEESMAN, DEAN W	CHARACTERIZATION OF A PINEAL ANTI-OVULATORY COMPOUND	24,504
AM17559-01	COOKE, A ROGER	THE MOLECULAR MECHANISM OF MUSCLE CONTRACTION	17,945
HD07061-01	DAENTL, DONNA L	EMBRYO SIZE & NUCLEOTIDE SYNTHESES, A CANCER STUDY	44,318
EY01198-01	DAWSON, CHANDLER R	PATHOGENESIS AND EARLY DIAGNOSIS OF EYE INFLAMMATIONS	32,692
CA15341-01	DIAMOND, IVAN F	PHOTODYNAMIC THERAPY OF MALIGNANT TUMORS	35,941
HL15514-01A1	FELTS, JAMES M	REMOVAL MECHANISM AND PLASMA LIPOPROTEIN HOMEOSTASIS	35,070
NS11639-01	GALIN, DAVID	HEMISPHERIC SPECIALIZATION FOR COGNITIVE MODE	113,754
HD08940-01	GONDOS, BERNARD	STRUCTURAL MATURATION OF THE PREPUBERTAL RABBIT TESTIS	28,800
NS11782-01	HAASE, ASHLEY T	REPLICATION OF THE SLOW VIRUS VISNA	94,736

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
EY01182-01A1	HALL, JOAN M	THE NATURE AND SEQUENCE OF OCULAR IMMUNE RESPONSES	65,183
NS11539-01	HOFF, JULIAN T	EXPERIMENTAL CERVICAL MYELOPATHY	63,080
HD08478-01	JAFFE, ROBERT B	PRIMATE ENDOCRINE REGULATION IN THE PERINATAL PERIOD	107,041
HD07991-01A1	JEWETT, DON L	NUTRITIONAL EFFECTS ON AUDITORY FAR FIELDS	25,530
GM20564-01	KOLLMAN, PETER A	STUDIES OF INTERMOLECULAR INTERACTIONS	28,754
EY01373-01	KRAMER, STEVEN G	RETINAL DOPAMINE AND ERG FLICKER SUPPRESSION	52,516
NS10382-01A1	LAYZER, ROBERT B	HEREDITARY DEFECTS OF MUSCLE MEMBRANE COMPOSITION	101,703
GM21017-01	MARGULIS, ALEXANDER R	STUDY OF DIAGNOSTIC RADIOLOGY	119,033
NS11804-01	MERZENICH, MICHAEL M	DEVELOPMENT OF AN ACOUSTIC PROSTHESIS	39,389
HL16682-01	MOORE, WESLEY S	INFECTION IN PERIPHERAL VASCULAR PROSTHETIC GRAFTS	25,000
HL16683-01	MORALES, MANUEL F	FUNCTION AND GROWTH OF CARDIAC AND SKELETAL MUSCLE	328,240
AI11639-01	NICHOLS, BARBARA A	ROLES OF MONONUCLEAR PHAGOCYTES IN PATHOLOGIC STATES	27,033
NS11165-01	NIHEI, TAIICHI	STUDIES ON CONTRACTILE MECHANISM AND ON MYOGENESIS	57,962
EY00964-01A2	OH, JANG O	RECURRENT HERPES SIMPLEX UVEITIS	113,335
HL17244-01	PARMLEY, WILLIAM W	MYOCARDIAL MECHANICS AND PHARMACOLOGY	64,145
AM17676-01	RECTOR, FLOYD C, JR	REGULATION OF ELECTROLYTE, WATER AND ACID-BASE BALANCE	90,278
NS11779-01	ROBINSON, JOHN S	HEMISPHERE INTEGRATION AND SPECIALIZATION	23,624
AM16990-01	ROTHMAN, STEPHEN S	SECRETION OF PROTEINS AND IONS BY THE PANCREAS	69,500
AI11881-01	SCHACHTER, JULIUS	SEROTYPING OF CHLAMYDIA (BEDSONIA) ISOLATES	23,752
AM16979-01	SCHROCK, THEODORE R	STUDIES OF HEPATIC REGENERATION	34,700
HD08924-01	WEINER, RICHARD I	ROLE OF BRAIN MONOAMINES IN GONADOTROPIN RELEASE	44,650
CA15203-01	WHEELER, KENNETH T, JR	BRAIN TUMOR THERAPY: RADIATION, DNA DAMAGE & REPAIR	43,266
GM20316-01	ZAKIM, DAVID	REGULATION OF MICROSOMAL ENZYMES BY PHOSPHOLIPIDS	21,443
INSTITUTION TOTAL	36	2,193,136	
UNIVERSITY OF THE PACIFIC			
AM16445-01	MURPHY, ALEXANDER J	STUDIES ON THE ACTIVE SITES OF CONTRACTILE PROTEINS	31,300
EY01249-01	NEWMAN, NANCY M	EVALUATION OF THE RETINAL NERVE FIBER LAYER	50,320
INSTITUTION TOTAL	2	81,620	
VETERANS ADMINISTRATION HOSPITAL			
HL16363-01	JONES, ALBERT L	HYPOLIPIDEMIC DRUG STUDY: ULTRASTRUCTURE AND CHEMISTRY	62,321
INSTITUTION TOTAL	1	62,321	
CITY TOTAL	44	2,433,611	
SANTA BARBARA			
SPEECH COMMUNICATIONS RESEARCH LABORATORY			
NS11495-01	BROAD, DAVID J	MECHANICS AND VIBRATIONS OF PATHOLOGIC VOCAL FOLDS	40,276
INSTITUTION TOTAL	1	40,276	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
GM21283-01	KING, JACK L	SIMULATION AND ANALYSIS OF PROTEIN EVOLUTION	44,257
HL16417-01	LARIS, PHILIP C	EXTRINSIC FLUORESCENCE AND MEMBRANE POTENTIALS	27,045
GM21067-01	ORIAS, EDUARDO	GENETIC DISSECTION OF PHAGOCYTOSIS IN TETRAHYMENA	43,697
GM20835-01	PARSONS, STANLEY M	FEEDBACK INHIBITION OF PRATP SYNTHETASE	20,201
INSTITUTION TOTAL	4	135,200	
CITY TOTAL	5	175,476	
SANTA MONICA			
RAND CORPORATION			
HL16580-01	KING, WILLIAM S	MATHEMATICAL MODELS FOR STUDYING SICKLE CELL DISEASE	85,781
INSTITUTION TOTAL	1	85,781	
CITY TOTAL	1	85,781	
SEPULVEDA			
VETERANS ADMINISTRATION HOSPITAL			
CA16155-01	PIKO, LAJOS	INTERACTIONS OF ONCOGENIC VIRUSES WITH MOUSE EMBRYOS	35,585
INSTITUTION TOTAL	1	35,585	
CITY TOTAL	1	35,585	
STANFORD			
STANFORD UNIVERSITY			
CA15513-01	BERG, PAUL	BASIC MECHANISMS IN VIRAL CARCINOGENESIS	59,247
NS11073-01	BIGNAMI, AMICO	BRAIN SPECIFIC PROTEIN (GFA PROTEIN) IN ASTROCYTES	102,548
AM16614-01	CLAYTON, RAYMOND B	BIOCHEMISTRY OF STRESS	20,970
GM20276-01	DJERASSI, CARL	APPLICATIONS OF MAGNETIC CIRCULAR DICHROISM	29,087
NS11632-01	ENG, LAWRENCE F	CENTRAL NERVOUS SYSTEM MEMBRANES AND ACIDIC PROTEINS	47,282
EY01241-01	GANZ, LEO	NEUROPSYCHOLOGY	28,227
CA15769-01	HAHN, GEORGE M	CHEMOTHERAPY: CYTOTOXITY, REPAIR AND ITS INHIBITION	32,500
AI11805-01A1	HAYFLICK, LEONARD	BIOLOGY OF T-MYCOPLASMAS: POTENTIAL HUMAN PATHOGENS	30,815
HL17165-01	LAMAN, P DAVID, JR	REDOX STATE OF NAD+ IN ERYTHROCYTES	30,000
GM20832-01A1	LEDERBERG, JOSHUA	GENETICS RESEARCH CENTER	500,000
HD07071-01	MACCOBY, ELEANOR E	BIOCHEMICAL FACTORS IN BEHAVIORAL SEX DIFFERENCES	43,532
NS11669-01	MATHERS, LAWRENCE H	DEVELOPMENT AND PLASTICITY IN A VISUAL SYSTEM	39,300
GM21215-01	MILLER, RUPERT G, JR	ADAPTATION OF NEW STATISTICAL IDEAS FOR MEDICINE	129,537
EY01336-01	SAKITT, BARBARA	PROBLEMS IN HUMAN VISION	24,411
CA16318-01	SCHIMKE, ROBERT T	MOLECULAR MECHANISMS IN RESISTANCE TO FOLATE ANALOGUES	75,753

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
NS11664-01	SCHUBERT, EARL D	MECHANICAL FREQUENCY RESOLUTION IN THE COCHLEA	91,896
AM17647-01	TUNE, BRUCE M	RENAL TRANSPORT AND INTERACTION OF ORGANIC ACID DRUGS	24,106
GM20677-01	VAN TAMELEN, EUGENE E	TOTAL SYNTHESIS OF RIBONUCLEIC ACIDS	37,131
INSTITUTION TOTAL	18	1,346,342	
CITY TOTAL	18	1,346,342	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
HD07559-01A1	ANTHONY, BASCOM F	ROLE OF GROUP B STREPTOCOCCI IN PERINATAL DISEASE	96,960
CA16201-01	BENFIELD, JOHN R	LUNG CANCER MODEL FOR SURGICAL RESEARCH	45,651
HL16753-01	PARK, BYUNG H	PATHOGENETIC MECHANISMS OF PULMONARY ALVEOLAR PROTEINASE	157,711
AM16748-01	SHOME, BASUDEV	HUMAN GONADOTROPINS: CHEMICAL STRUCTURE, IMMUNOBIOLOGY	40,889
INSTITUTION TOTAL	4	341,211	
CITY TOTAL	4	341,211	
STATE TOTAL	199	13,796,381	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
GM21120-01	CARUTHERS, MARVIN H	STUDIES ON DNA REGULATORY REGIONS OF CHROMOSOMES	51,815
NS10781-01	MACGREGOR, RONALD J	MODELS OF NEURAL NETWORKS	19,423
INSTITUTION TOTAL	2	71,238	
CITY TOTAL	2	71,238	
DENVER			
DENVER HEALTH AND HOSPITALS DEPARTMENT--DENVER GENERAL HOSPITAL			
CA15018-01	MOORE, GEORGE E	STUDIES OF HUMAN HEMATOPOIETIC AND CANCER CELLS	129,380
INSTITUTION TOTAL	1	129,380	
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
AM17773-01	MUNRO, GEORGE F	POLYAMINE METABOLISM AND FUNCTION IN CYSTIC FIBROSIS	34,950
INSTITUTION TOTAL	1	34,950	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
DENVER			
UNIVERSITY OF COLORADO MEDICAL CENTER			
GM20281-01	ADAMS, WILLIAM R	TRACE ELEMENT DETECTION BY ION INDUCED X-RAYS	20,849
NS10490-01A1	BUBLITZ, CLARK	STUDY OF METABOLISM OF CAMP IN BRAIN	43,347
AI11661-01	COHEN, J JOHN	SUBPOPULATIONS OF THYMUS-DERIVED LYMPHOCYTES	26,482
CA16154-01	FRIEDMAN, SUSAN J	D-GLUCOSAMINE: POTENTIATOR IN CANCER CHEMOTHERAPY	44,239
HL16523-01	GENTON, EDWARD	PLATELET SURVIVAL AND INHIBITORS IN THROMBOEMBOLISM	30,722
CA15564-01	HUMBERT, JAMES R	LEUKOCYTE BACTERICIDAL POWER IN LEUKEMIA	23,357
CA15961-01	KING, DONALD W	WORKSHOPS IN TECHNIQUES OF CANCER RESEARCH	65,500
CA16030-01	LEHMAN, JOHN M	PATHOLOGY OF NEOPLASTIC TRANSFORMATION	42,768
NS10662-01	MORAN, DAVID T	MICROTUBULES IN SENSORY TRANSDUCTION AND DEVELOPMENT	43,079
HD08315-01A1	O'BRIEN, DONOUGH	BIOCHEMICAL, GENETIC AND OTHER STUDIES IN RETARDATION	414,609
EY01342-01	PFISTER, ROSWELL R	SURFACE CORNEAL EPITHELIUM IN DISEASE STATES	70,545
CA15823-01	PIERCE, G BARRY	PROGRAM IN DEVELOPMENTAL BIOLOGY OF CANCER	237,974
GM20418-01	SAUERBIER, WALTER	A METHOD FOR DETERMINING UNITS OF TRANSCRIPTION	27,511
CA15549-01	SEEDS, NICHOLAS W	NEOPLASTIC-NORMAL CELL COAGGREGATES	44,253
CA13419-01	TALMAGE, DAVID W	PROGRAM PROJECT IN BASIC ONCOLOGY	300,000
NS10698-01	WENGER, DAVID A	STUDIES ON HUMAN BETA-GALACTOSIDASE ISOENZYMES	54,139
INSTITUTION TOTAL	16	1,489,374	
CITY TOTAL	18	1,653,704	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
EY01065-01	AZARI, PARVIZ	BIOCHEMICAL INVESTIGATION OF A HEREDITARY CATARACT	31,382
CA15820-01	GILLETTE, EDWARD L	COMPARATIVE ONCOLOGY RESEARCH PROGRAM	82,668
CA15529-01	HEGEDUS, LOUIS S	ANTITUMOR AGENTS - NEW COMPOUNDS AND NEW SYNTHESES	13,419
AI11622-01	HILL, GEORGE C	THE FUNCTION OF MITOCHONDRIA IN TRYPANOSOMES	19,800
HD07841-01A1	NETT, TORRANCE M	THE PHYSIOLOGICAL ROLE OF GN-RH	62,084
NS11145-01	NORNES, HOWARD O	NEUROGENESIS - CYTOARCHITECTURE AND GROWTH OF AXONS	58,792
ES01047-01	TORNABENE, THOMAS G	EFFECTS OF LEAD ON PROCARYOTIC AND EUCARYOTIC CELLS	16,450
INSTITUTION TOTAL	7	284,595	
CITY TOTAL	7	284,595	
STATE TOTAL	27	2,009,537	
CONNECTICUT			
BRIDGEPORT			
UNIVERSITY OF BRIDGEPORT			
HL16296-01	POLUHOWICH, JOHN J	OXYGENATION PROPERTIES OF MULTIPLE HEMOGLOBINS	18,944
INSTITUTION TOTAL	1	18,944	
CITY TOTAL	1	18,944	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
AM16408-01A1	BRONNER, FELIX	CALCIUM BINDING PROTEIN OF KIDNEY	18,269
DE03953-01	BURSTONE, CHARLES J	FORCE SYSTEMS FROM ORTHODONTIC APPLIANCES	66,807
DE03933-01	CUTLER, LESLIE S	EPITHELIAL-MESENCHYMAL CONTACTS IN CYTODIFFERENTIATION	7,500
CA15230-01	EDWARDS, JOHN M	ANTINEOPLASTIC PRINCIPLES	13,943
NS10424-01A1	GAY, THOMAS	ELECTROMYOGRAPHIC-CINEFLUOROGRAPHIC STUDIES OF SPEECH	35,352
HL16626-01	HOYER, LEON W	STUDIES OF ANTIBODIES TO ANTIHEMOPHILIC FACTOR	47,540
HD08268-01	KALT, MARVIN R	STUDIES ON VERTEBRATE SEX CELL DEVELOPMENT	62,950
DE03868-01	KEGELES, S STEPHEN	CHILDREN'S ACCEPTANCE OF CARIES PREVENTIVE PROCEDURES	141,082
AI11175-01A1	LINDQUIST, RICHARD R	REGULATION OF GRAFT VERSUS HOST REACTIONS	37,898
GM20520-01	OZOLS, JURIS	CYTOCHROMES IN NORMAL AND ALTERED HEPATOCYTE MEMBRANES	37,910
DE03945-01	POOLE, ANDREW E	SALIVARY PEROXIDASE AND THE GENETICS OF ORAL DISEASE	7,500
AM16029-01	ROTHFIELD, NAOMI F	E-B VIRUS ANTIBODIES IN CONNECTIVE TISSUE DISEASES	29,341
INSTITUTION TOTAL	12	506,092	
CITY TOTAL	12	506,092	
MIDDLETOWN			
WESLEYAN UNIVERSITY			
NS11163-01	BERLIND, ALLAN	PHYSIOLOGY OF A NEUROENDOCRINE SYSTEM	54,633
INSTITUTION TOTAL	1	54,633	
CITY TOTAL	1	54,633	
NEW HAVEN			
JOHN B. PIERCE FOUNDATION OF CONNECTICUT			
NS11517-01	ADAIR, ELEANOR R	BEHAVIORAL THERMOREGULATION: ROLE OF THE BRAINSTEM	98,750
NS11487-01	STITT, JOHN T	TEMPERATURE REGULATION: ACTION OF PROSTAGLANDIN E1	12,808
INSTITUTION TOTAL	2	111,558	
YALE UNIVERSITY			
AM17060-01	BURROW, GERARD N	STUDIES OF THYROGLOBULIN SYNTHESIS	28,014
AM16878-01	BURROW, GERARD N	REGULATION OF THYROIDAL METABOLISM BY PROTEIN KINASES	24,981
CA15500-01	CORNELIUS, EUGENE A	STUDIES OF IMMUNOLOGICALLY INDUCED TUMORS	60,000
AM16030-01	EVANS, ALFRED S	E-B AND OTHER VIRUSES IN CONNECTIVE-TISSUE DISEASES	27,774
AM17724-01	FARQUHAR, MARILYN G	GLOMERULAR CAPILLARIES: NORMAL AND PATHOLOGIC	76,765
NS11667-01	GETCHELL, THOMAS V	SIGNAL GENERATING MECHANISMS IN OLFACTORY EPITHELIUM	54,726
AM17433-01	GIEBISCH, GERHARD H	CARDIOVASCULAR, METABOLIC ASPECTS OF MEMBRANE TRANSPORT	590,233
AI12166-01	JAMIESON, JAMES D	PROCESSING OF SECRETORY IGA IN THE MAMMARY GLAND	35,633
NS11788-01	KANKEL, DOUGLAS R	NERVOUS SYSTEM DEVELOPMENT AND SYNAPSE FORMATION	34,726

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
NS11786-01	KIDD, KENNETH K	GENETICS OF HUMAN BEHAVIORAL DISORDERS: STUTTERING	42,496
EY01392-01	LAHAV, MOSHE	STUDY OF INDUCED RETINAL DYSPLASIA	15,000
AI11730-01	MAGEE, PAUL T	REGULATION OF MEIOSIS AND ASCUS DEVELOPMENT IN YEAST	33,695
HD07741-01	MARKERT, CLEMENT L	STUDY OF EMBRYONIC DEVELOPMENT	37,800
CA15557-01	RICHARDS, FRANK F	IMMUNOLOGICAL ACTIVATION OF ONCOGENIC VIRUS	67,565
NS10907-01	ROSENBAUM, JOEL L	DIFFERENTIATION OF NERVE TUMOR CELLS IN TISSUE CULTURE	101,556
GM20177-01	TRENCH, ROBERT K	MACROMOLECULAR SYNTHESIS IN CYANOPHORA PARADOXA	22,000
HD07137-01A1	TRINKAUS, JOHN P	CONTACT BEHAVIOR OF DEVELOPING AND TRANSFORMED CELLS	44,114
CA16106-01	WEISSMAN, SHERMAN M	STRUCTURAL STUDIES ON PROTEINS SPECIFIED BY SV40	32,625
AM17362-01	WRIGHT, HASTINGS K	INTESTINAL ABSORPTION AFTER BOWEL RESECTION	13,450
INSTITUTION TOTAL	19	1,343,153	
CITY TOTAL	21	1,454,711	
STORRS			
UNIVERSITY OF CONNECTICUT			
GM20906-01	FINNERTY, VICTORIA M	REGULATION OF GENE EXPRESSION IN DROSOPHILA	43,043
NS11496-01	GIACOBINI, EZIO	CHEMISTRY AND PHARMACOLOGY OF SYMPATHETIC GANGLIA	31,298
NS11716-01	STEPITA-KLAUCO, MATEJ	THE PHYSIOLOGICAL ROLE OF PIPERIDINE IN CNS	29,180
ES01056-01	STUART, JAMES D	HYDROXYCHLOROBIPHENYLS-DEGRADATION PRODUCTS OF PCB'S	43,950
INSTITUTION TOTAL	4	147,471	
CITY TOTAL	4	147,471	
STATE TOTAL	39	2,181,851	
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
GM19886-01	DENNIS, DON	SURFACE ASYMMETRY AND IONIC TRANSPORT IN LIPID BILAYERS	6,550
HD08557-01	TASCA, RICHARD J	AMINO ACID TRANSPORT DURING EARLY DEVELOPMENT	47,488
HL16666-01	WAGNER, ROGER C	MICROPINOCYTOSIS IN ISOLATED CAPILLARY ENDOTHELIUM	40,169
INSTITUTION TOTAL	3	94,207	
CITY TOTAL	3	94,207	
STATE TOTAL	3	94,207	
DIST OF COL			
WASHINGTON			
CATHOLIC UNIVERSITY OF AMERICA			
AM17057-01	ABERHART, DONALD J	SYNTHESIS OF VITAMIN D3 METABOLITES	14,513

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	14,513	
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
NS11686-01	BUTLER, ANN B	EVOLUTION OF STRUCTURE AND CONNECTIONS OF NEOCORTEX	42,561
DE03860-01	LEONARD, FRED	MAXILLOFACIAL MATERIALS	38,439
CA15667-01	MAIER, JOHN G	EXPLORATORY STUDIES IN CANCER RESEARCH	54,583
AM17030-01A1	VAHOUNY, GEORGE V	CHOLESTEROL ESTERASE REGULATION OF STEROIDOGENESIS	25,785
INSTITUTION TOTAL	4	161,368	
GEORGETOWN UNIVERSITY			
HL16748-01	BELLANTI, JOSEPH A	CELLULAR AND IMMUNOLOGICAL BASES OF PULMONARY DISEASES	234,786
NS11026-01	DE SANTIS, MARK E	AN ANALYSIS OF REINNERVATED MUSCLE SPINDLES	40,505
HD08124-01	HELLEGERS, ANDRE E	STUDIES OF BLOOD SUBSTITUTE AND CIRCULATION	77,121
NS11177-01	HOEKMAN, THEODORE B	NEURAL ROLE IN MUSCULAR DYSTROPHY	60,677
AM16342-01A1	PENHOS, JUAN C	ROLE OF GLUCAGON IN PITUITARY AND ADRENAL HORMONES	44,570
NS10667-01A1	RAINES, ARTHUR	EFFECT OF ANTICONVULSANTS ON CEREBELLAR FUNCTION	60,875
ES00754-01	SCHWARTZ, SORELL L	TOXICITY OF INERT PARTICLES TO ALVEOLAR MACROPHAGES	26,978
AM16363-01	VAN LENTEN, LEE	LIVER PLASMA MEMBRANE-BINDING OF SERUM GLYCOPROTEINS	16,564
LM01702-01A1	WALTERS, LEROY B	ESTABLISHING AN INFORMATION SYSTEM FOR BIOETHICS	66,381
INSTITUTION TOTAL	9	628,457	
HOWARD UNIVERSITY			
HD08420-01	COSTELLO, LESLIE C	PROSTATE CITRATE METABOLISM	44,814
HL16531-01	CURRY, CHARLES L	CLINICAL STUDY OF HYPERTENSION	313,162
INSTITUTION TOTAL	2	357,976	
NATIONAL BIOMEDICAL RESEARCH FOUNDATION			
GM20619-01	LEDLEY, ROBERT S	OPERATIONS RESEARCH IN THE MICROBIOLOGY LABORATORY	26,399
INSTITUTION TOTAL	1	26,399	
PAN AMERICAN HEALTH ORGANIZATION			
AM17086-01	ARROYAVE, GUILLERMO	AMINO ACID REQUIREMENTS OF PRE-SCHOOL AGE CHILDREN	76,622
INSTITUTION TOTAL	1	76,622	
WASHINGTON HOSPITAL CENTER			
GM20543-01	ECKELMAN, WILLIAM C	TECHNETIUM ORTHOPHOSPHATE FOR BONE IMAGING	28,066
INSTITUTION TOTAL	1	28,066	
CITY TOTAL	19	1,293,401	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	19	1,293,401	
FLORIDA			
CORAL GABLES			
UNIVERSITY OF MIAMI			
HD06663-01	METZ, CHARLES B	STUDY OF MAMMALIAN SPERM ANTIGENS	72,000
ES00994-01	TAYLOR, BARRIE F	BIODEGRADATION OF PHTHALIC ACIDS AND ESTERS	34,650
INSTITUTION TOTAL	2	106,650	
CITY TOTAL	2	106,650	
DAYTONA BEACH			
BETHUNE-COOKMAN COLLEGE			
RR08119-01	COPELAND, RICHARD F	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	137,127
INSTITUTION TOTAL	1	137,127	
CITY TOTAL	1	137,127	
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
HL16864-01	EGAN, EDMUND A	CHANGES IN ALVEOLAR PERMEABILITY IN PULMONARY EDEMA	179,906
HL16713-01	HARRIS, JAMES O	EMPHYSEMA, BRONCHITIS, ALVEOLAR ENZYMES AND INHIBITORS	13,188
NS11441-01	ISAACSON, ROBERT L	NEURAL BASIS OF EPILEPTIFORM ACITIVITY	12,000
HD08552-01	LARKIN, LYNN H	ROLE OF RELAXIN IN GESTATION AND PARTURITION	34,830
HD07049-01	LUTTGE, WILLIAM G	HORMONES IN SEXUAL DIFFERENTIATION AND BEHAVIOR	47,700
EY01264-01	MUNSON, JOHN B	EYE MOVEMENT-INDUCED CHANGES IN VISUAL FUNCTION	26,340
NS11790-01	PAIGE, ARNOLD	VIBRATIONAL PATTERN OF THE PATHOLOGIC LARYNX	75,416
EY01079-01A1	RUBIN, MELVIN L	CLINICAL STUDY OF TRANS-SCLERAL VER	32,887
INSTITUTION TOTAL	8	422,267	
CITY TOTAL	8	422,267	
MIAMI			
PAPANICOLAOU CANCER RESEARCH INSTITUTE			
GM20866-01	KOHEN, ELLI	REGULATION OF INTRA- AND INTER-CELLULAR COMMUNICATION	32,000
CA14774-01	ZUCKER, ROBERT M	BUOYANT DENSITY STUDIES ON LEUKEMIC CELLS	29,340
INSTITUTION TOTAL	2	61,340	
UNIVERSITY OF MIAMI			
GM20227-01	CLARK, RONALD G	CNS CELLULAR RESPONSE TO CONTRAST VENTRICULOGRAPHY	103,103

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
ES00986-01	RIBBONS, DOUGLAS W	BIODEGRADATION OF THE PHTHALATES BY BACTERIA	42,400
GM20172-01	RIBBONS, DOUGLAS W	ENZYMES OF AROMATIC OXIDATIONS FROM MICRO-ORGANISMS	25,297
NS11696-01	VIAMONTE, MANUEL, JR	TRANSFER OF X-RAY CONTRAST MEDIA INTO THE CSF	63,870
AM17733-01	WHELAN, WILLIAM J	THE MECHANISM OF STARCH DIGESTION IN MAMMALS	46,432
INSTITUTION TOTAL	5	281,102	
CITY TOTAL	7	342,442	
MIAMI BEACH			
MOUNT SINAI MEDICAL CENTER			
AM16198-01	ZAIAS, NARDO	THE BIOLOGY AND PATHOPHYSIOLOGY OF NAIL DISEASES	57,260
INSTITUTION TOTAL	1	57,260	
CITY TOTAL	1	57,260	
ORLANDO			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA TECHNOLOGICAL UNIVERSITY			
NS11216-01	TELL, PHILLIP M	AN ANALYSIS OF SHORT-TERM MEMORY IN THE DEAF	23,764
INSTITUTION TOTAL	1	23,764	
CITY TOTAL	1	23,764	
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
EY01394-01	BAKER, HOWARD D	VERY EARLY DARK ADAPTATION FROM INTENSE BLEACHES	43,844
HD07711-01A1	FREEMAN, MARC E	EXTRA-OVARIAN CONTROL OF GONADOTROPIN SECRETION	63,869
NS11668-01	SMITH, JAMES C	THE BIOLOGICAL BASIS FOR OLFACTORY BEHAVIOR	44,037
INSTITUTION TOTAL	3	151,750	
CITY TOTAL	3	151,750	
TAMPA			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA			
CA15647-01	GARRETT, CARLETON T	HETEROGENEOUS RNA SEQUENCES IN LIVER NEOPLASMS	29,135
NS11047-01	MENNINGER, RICHARD P	CARDIOVASCULAR EFFECTS ON HYPOTHALAMIC UNIT ACTIVITY	44,426
HL16934-01	WONG, KIN-PING	ACQUISITION OF NATIVE CONFORMATION OF PROTEIN	22,290
INSTITUTION TOTAL	3	95,851	
CITY TOTAL	3	95,851	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	26	1,337,111	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
GM19163-01A1	LEE, JOHN W	APPLICATIONS AND MECHANISMS OF BACTERIAL BIOLUMINESCENCE	35,976
INSTITUTION TOTAL	1	35,976	
CITY TOTAL	1	35,976	
ATLANTA			
EMORY UNIVERSITY			
HL16567-01	DEHAAN, ROBERT L	DIFFERENTIATION OF THE HEART-CELL MEMBRANE	131,149
GM21381-01	DODD, JOHN R	SPIN LABEL STUDIES OF CORTICOSTEROID BINDING	18,353
DE03924-01	NAHMIAS, ANDRE J	IMMUNOLOGY OF ORAL HERPES SIMPLEX VIRUS-1 INFECTION	35,272
HL16394-01	PREEDY, JOHN R	ESTROGENS AND THE FLUID RETENTION OF HEART FAILURE	89,606
AM17212-01	SCHNEIDER, FREDERICK H	LIFE CYCLE OF ADRENAL MEDULLA CHROMAFFIN GRANULES	23,966
GM20450-01	SUNG, YUNG-FONG	ACUPUNCTURE ANESTHESIA AND ANALGESIA	15,080
CA14864-01	VOGLER, WILLIAM R	LEUKOCYTE TRANSFUSIONS AND IMMUNOTHERAPY IN LEUKEMIA	59,500
AM17361-01	WHITE, JOHN F	GUT SUGAR TRANSPORT: ELECTROPHYSIOLOGY AND ENERGETICS	13,850
INSTITUTION TOTAL	8	386,776	
CITY TOTAL	8	386,776	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
DE03937-01	BULKACZ, JAIME	MUTANT GLUCOSYL TRANSFERASES OF STREPTOCOCCUS MUTANS	7,500
HL16895-01	CUTRONEO, KENNETH R	PARTICULATE PROLYL HYDROXYLATION IN LUNG	70,275
CA15215-01	GARVER, FREDERICK A	STRUCTURAL ANALYSES OF Y-HEAVY CHAIN-DISEASE PROTEINS	43,724
HD07745-01	GELFANT, SEYMOUR	ROLE OF IMMUNOCYTES AND IMMUNOSUPPRESSANTS IN AGING	31,050
AI11732-01	LAPP, DAVID F	TREHALOSE METABOLISM IN THE PARASITIC NEMATODE ASCARIS	18,805
INSTITUTION TOTAL	5	171,354	
CITY TOTAL	5	171,354	
FORT VALLEY			
UNIVERSITY SYSTEM OF GEORGIA--FORT VALLEY STATE COLLEGE			
RR08084-01	BLACK, DAN T	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	116,469
INSTITUTION TOTAL	1	116,469	
CITY TOTAL	1	116,469	
STATE TOTAL	15	710,575	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
HAWAII			
HONOLULU			
AMERICAN COUNCIL, INTERNATIONAL LIAISON COMMITTEE FOR RESEARCH ON KOREA			
HD08173-01	LIM, YOUNGIL	ILCORK CONFERENCE ON POPULATION CHANGE IN KOREA	7,125
INSTITUTION TOTAL	1	7,125	
BERNICE P. BISHOP MUSEUM			
AI11482-01	RADOVSKY, FRANK J	ECTOPARASITES OF THE PAPUAN SUBREGION	19,638
INSTITUTION TOTAL	1	19,638	
CENTER FOR CULTURAL AND TECHNICAL INTERCHANGE BETWEEN EAST AND WEST			
HD08276-01	FAWCETT, JAMES T	STUDY OF MOTIVATIONS FOR HAVING CHILDREN	12,785
INSTITUTION TOTAL	1	12,785	
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
HL15840-01	BROOKS, COY C	SUGAR-INDUCED HEART LESIONS AND VITAMIN K DEFICIENCY	47,888
HL16949-01	GREENWOOD, FREDERICK C	LUNG UPTAKE AND METABOLISM OF PLASMA-BORNE SUBSTANCES	108,468
AM17427-01	LICHTON, IRA J	ANOREXIGENIC SUBSTANCE IN URINE	16,072
HL16482-01	LIN, YU-CHONG	CARDIOVASCULAR EFFECTS OF RESPIRING HE-02 MIXTURES	49,767
RR08125-01	MC KAUGHAN, HOWARD P	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	100,919
HL16716-01	STEVENS, ERNEST D	ANALYSIS OF A VASCULAR HEAT EXCHANGER	13,302
INSTITUTION TOTAL	6	336,416	
CITY TOTAL	9	375,964	
STATE TOTAL	9	375,964	
IDAHO			
BOISE			
ST. LUKE'S HOSPITAL			
CA15457-01	LUCE, JAMES K	WESTERN CANCER STUDY GROUP	22,742
INSTITUTION TOTAL	1	22,742	
CITY TOTAL	1	22,742	
MOSCOW			
UNIVERSITY OF IDAHO			
HD07144-01	KNUDSEN, JOHN W	IMPACT OF WELFARE PAYMENTS ON CHILD HEALTH	14,400
INSTITUTION TOTAL	1	14,400	
CITY TOTAL	1	14,400	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	2	37,142	
ILLINOIS			
CARBONDALE			
SOUTHERN ILLINOIS UNIVERSITY			
HD08308-01	BEMILLER, JAMES N	AGING AND CARBOHYDRATES OF FIBROBLASTS	33,082
HD07645-01A1	CORNWALL, JOHN L	ECONOMIC POLICY IN RELATION TO POPULATION GROWTH	28,393
CA16292-01	DORSEY, J KEVIN	GLYCOSYLTRANSFERASES AND CONTACT INHIBITION	39,024
INSTITUTION TOTAL	3	100,499	
CITY TOTAL	3	100,499	
CHICAGO			
AMERICAN DENTAL ASSOCIATION			
DE03679-01	RUPP, NELSON W	AMALGAM: IMPROVED ALLOY AND MANIPULATION TECHNIQUES	22,940
INSTITUTION TOTAL	1	22,940	
CHILDREN'S MEMORIAL HOSPITAL			
HL17130-01	CHOU, LIANG	STUDIES OF PLASMA MEMBRANES IN CYSTIC FIBROSIS	30,000
GM21293-01	STOUT, RONALD L	PATIENT DATA ACQUISITION AND ANALYSIS SYSTEM	126,349
INSTITUTION TOTAL	2	156,349	
DEPAUL UNIVERSITY			
HD07420-01	WOODS, JAMES E	SEX HORMONE PRODUCTION AND SECRETION IN THE CHICK EMBRYO	16,721
INSTITUTION TOTAL	1	16,721	
HEKTOEN INSTITUTE FOR MEDICAL RESEARCH			
AM16944-01	MARKOWITZ, ABRAHAM S	RENAL DISEASE AND ALLOGRAFT EFFECTS OF STREPTOCOCCI	154,614
INSTITUTION TOTAL	1	154,614	
ILLINOIS INSTITUTE OF TECHNOLOGY			
HL16787-01	JOHNSTON, CLARE C	ROLE OF INBORN A1-ANTITRYPSIN IN PULMONARY DISEASE	125,279
INSTITUTION TOTAL	1	125,279	
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
HL16615-01	GLICK, GERALD	RELATION OF CARDIAC LYMPH TO MYOCARDIAL INFARCTION	38,700
HD08948-01	LEVITSKY, LYNNE L	FUNCTIONAL MATURATION OF THE ENDOCRINE PANCREAS	16,802
INSTITUTION TOTAL	2	55,502	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
NATIONAL PARAPLEGIA FOUNDATION			
NS11715-01	CLEMENTE, CARMINE D	CONFERENCE: REGENERATION IN CENTRAL NERVOUS SYSTEM	15,200
INSTITUTION TOTAL	1	15,200	
NORTHWESTERN UNIVERSITY			
HD07547-01	BONDAREFF, WILLIAM	AGE CHANGES IN THE NEURONAL MICROENVIRONMENT	31,260
CA16736-01	GRAYHACK, JOHN T	ENZYMES IN DIAGNOSIS AND STAGING OF PROSTATIC CANCER	24,029
HL16253-01	KWAAN, HAU C	NEW TECHNIQUES IN DIAGNOSIS AND DETECTION OF THROMBI	42,312
CA14727-01	LEE, CHUNG	ESTROGEN ACTION ON DMBA-INDUCED MAMMARY TUMOR IN RATS	10,000
NS10657-01	PYSH, JOSEPH J	UNDERNUTRITION AND SYNAPSE DEVELOPMENT	44,363
NS11325-01	PYSH, JOSEPH J	MORPHOLOGY AND CYTOPHYSIOLOGY OF SYNAPTIC TRANSMISSION	15,567
AM16674-01	SMITH, DAVID W	AMINOACYL TRANSFER RNA SYNTHETASES IN RETICULOCYTES	41,633
INSTITUTION TOTAL	7	209,164	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
HL16611-01	HEGYVARY, CSABA	DIGITALIS-RECEPTOR OF THE HEART	40,330
INSTITUTION TOTAL	1	40,330	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER--RUSH UNIVERSITY			
CA16886-01	FLANAGAN, MALACHI J	NATIONAL BLADDER CANCER COLLABORATIVE GROUP A (NBCCGA)	34,780
INSTITUTION TOTAL	1	34,780	
UNIVERSITY OF CHICAGO			
AM16831-01	BORENSZTAJN, JAYME	PHYSICAL EXERCISE AND LIPOPROTEIN LIPASE ACTIVITY	35,732
AM17153-01A1	BOYER, JAMES L	MECHANISMS OF BILE SECRETION - ROLE OF SODIUM TRANSPORT	58,896
NS11154-01	BUTLER, ROBERT A	THE ROLE OF SPECTRAL CUES IN SOUND LOCALIZATION	76,734
GM21397-01	COZZARELLI, NICHOLAS R	ENZYMOLOGICAL AND GENETIC STUDIES OF DNA POLYMERASES	63,916
LM01943-01	DEBUS, ALLEN G	PUBLICATION OF MSS. BY ROBERT FLUDD (1574-1637)	25,635
ES00855-01	HUTCHENS, JOHN O	RETENTION OF AEROSOLS IN LABORATORY ANIMALS	45,512
EY01122-01A1	MURPHY, ELIZABETH H	DEVELOPMENT OF THE MAMMALIAN VISUAL SYSTEM	65,554
AM16805-01	OXNARD, CHARLES E	STUDY OF STRUCTURE AND BIOMECHANICS OF BONE	52,802
EY00901-01A1	POKORNY, JOEL M	PSYCHOPHYSICAL STUDIES OF COLOR-DEFECTIVE OBSERVERS	34,208
HD08533-01	SLAUGHTER, DIANA T	STUDY OF PARENT-EDUCATION PROGRAMS	61,881
AI12116-01	STRAUSS, BERNARD S	BIOLOGY OF HUMAN LYMPHOBLASTOID CELL LINES	40,877
HL16637-01	ZAK, RADOVAN H	DEVELOPMENT AND REGRESSION OF CARDIAC HYPERTROPHY	80,727
INSTITUTION TOTAL	12	642,474	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
HL16575-01	KASSNER, RICHARD J	STRUCTURAL BASIS FOR REDOX POTENTIALS IN HEMEPROTEINS	18,153

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
HL16367-01	PENNEY, DAVID G	CARBON MONOXIDE: CHRONIC EFFECTS ON HEART	30,647
INSTITUTION TOTAL 2		48,800	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
DE03806-01	HERRING, SUSAN W	PHYSIOLOGY OF FEEDING IN MINIATURE PIGS	7,100
DE04081-01	KUSEK, JUDITH C	INTRACELLULAR CALCIUM METABOLISM IN SALIVARY GLANDS	22,844
HD06926-01	RODGERS, CHARLES H	NEURAL REGULATION OF SEX BEHAVIOR IN THE FEMALE	14,759
DE03836-01	STEINBERG, ARNOLD D	CREVICULAR EPITHELIUM TRANSPORT AND PERIODONTAL DISEASE	18,355
INSTITUTION TOTAL 4		63,058	
CITY TOTAL 36		1,585,211	
DE KALB			
NORTHERN ILLINOIS UNIVERSITY			
HD06816-01A1	HAMPEL, ARNOLD E	TRANSFER RNA CHANGES INDUCED BY THYROID	19,545
CA12618-01A2	PIATAK, DAVID M	IDENTIFICATION OF CANCER INHIBITORS FROM ASCLEPIAS	38,776
INSTITUTION TOTAL 2		58,321	
CITY TOTAL 2		58,321	
EDWARDSVILLE			
SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE			
AM17783-01	BAICH, ANNETTE	PROLINE, GLYCINE, AND COLLAGEN FORMATION IN ANIMALS	28,096
HL16280-01A1	WOOD, STEPHEN C	REGULATION OF RESPIRATORY FUNCTION IN NUCLEATED RED CELL	17,440
INSTITUTION TOTAL 2		45,536	
CITY TOTAL 2		45,536	
EVANSTON			
NORTHWESTERN UNIVERSITY			
GM21367-01	EPSTEIN, MAX	MATERIALS AND COMPONENTS FOR MINIATURE FIBERSCOPES	92,500
HD07311-01	HALL, JAMES W	MEMORY-ENCODING OPERATIONS IN ADULTS AND CHILDREN	9,148
HL16218-01A1	JACOBS, JOHN E	TIME DELAY ACOUSTIC SPECTROSCOPY IN LUNG DISEASE	78,672
AI11428-01	MACDONALD, ROBERT C	MEMBRANES AND THE ACTION OF VIRUSES	31,113
HD07716-01	MC KAY, HARRISON E	STIMULATION, NUTRITION, AND DEVELOPMENT OF COMPETENCE	70,512
HL16582-01	MOCKROS, LYLE F	ARTIFICIAL LUNGS	35,000
NS12045-01	WIGHTMAN, FREDERIC L	PITCH PERCEPTION AS AUDITORY PATTERN RECOGNITION	52,372
INSTITUTION TOTAL 7		369,317	
CITY TOTAL 7		369,317	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
GALESBURG			
KNOX COLLEGE			
GM20393-01	GEER, BILLY W	GENETIC CONTROL OF TEMPERATURE ACCLIMATION IN INSECTS	25,920
INSTITUTION TOTAL	1	25,920	
CITY TOTAL	1	25,920	
HINES			
VETERANS ADMINISTRATION HOSPITAL			
NS11755-01	HELD, IRENE R	NEUROTROPHIC REGULATION OF MUSCLE PROTEIN SYNTHESIS	22,681
INSTITUTION TOTAL	1	22,681	
CITY TOTAL	1	22,681	
MAYWOOD			
LOYOLA UNIVERSITY			
NS11169-01A1	BLOOR, BYRON M	CEREBRAL HEMODYNAMICS IN SUBARACHNOID HEMORRHAGE	60,034
AM16875-01	DURKIN, MARTIN G	BIOLOGIC PROPERTIES OF BASIC GASTRIN	28,115
INSTITUTION TOTAL	2	88,149	
CITY TOTAL	2	88,149	
MOUNT PROSPECT			
BILINGUAL EDUCATION SERVICE CENTER			
HD08393-01	BEN-ZEEV, SANDRA E	PATTERNING OF COGNITIVE SKILLS IN BILINGUAL CHILDREN	41,616
INSTITUTION TOTAL	1	41,616	
CITY TOTAL	1	41,616	
PEORIA			
UNIVERSITY OF ILLINOIS SYSTEM--PEORIA SCHOOL OF MEDICINE			
AI12460-01	GRUNDBACHER, FRED J	GENETICS OF ISOANTIBODY AND IMMUNOGLOBULIN LEVELS	11,201
INSTITUTION TOTAL	1	11,201	
CITY TOTAL	1	11,201	
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA			
GM19641-01	BUETOW, DENNIS E	PROTEIN BIOSYNTHESIS IN MITOCHONDRIA	22,893

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA			
HD07496-01	CARTER, CAROL S	ENVIRONMENTAL AND HORMONAL CONTROL OF ESTRUS	19,800
HD08031-01	CHOLDIN, HARVEY M	DENSITY AND PATHOLOGY OF URBAN AREAS	32,787
AM17169-01	DRAPER, H H	DIETARY FACTORS IN THE ETIOLOGY OF OSTEOPOROSIS	24,645
HD07915-01A1	DZIUK, PHILIP J	DEVELOPMENT AND PARTURITION OF PORCINE FETUSES	18,430
HD06787-01A1	JACKSON, GARY L	NEUROENDOCRINE CONTROL OF GONADOTROPIN SECRETION	35,446
AI12070-01	REICHMANN, MANFRED E	AUTOINTERFERENCE IN VIRUS INFECTIONS AND MALIGNANCY	26,623
NS12033-01	SATINOFF, EVELYN	BEHAVIORAL AND PHYSIOLOGICAL THERMOREGULATION	90,666
GM21123-01	STEFFENSEN, DALE M	GENE LOCALIZATION IN MAN USING RNA: DNA HYBRIDIZATION	27,135
AM17666-01	TERJUNG, RONALD L	CARDIOVASCULAR ADAPTATIONS INDUCED BY EXERCISE	35,027
AI11152-01	TUVESON, ROBERT W	VIRUSES AND MATERNAL INHERITANCE IN NEUROSPORA CRASSA	39,190
INSTITUTION TOTAL	11	372,642	
CITY TOTAL	11	372,642	
STATE TOTAL	67	2,721,093	
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON			
GM21024-01	BLUMENTHAL, THOMAS	QB REPLICASE AND PROTEIN SYNTHESIS T-FACTOR	19,922
AM16703-01	ELIZONDO, REYNALDO S	MECHANISMS OF HEAT ACCLIMATION IN MACACA MULATTA	26,536
GM20671-01	NOVOTNY, MILOS V	HIGH-RESOLUTION LIQUID CHROMATOGRAPHY OF LIPIDS	30,839
GM20038-01	PREER, JOHN R, JR	GENETIC AND PHENOTYPIC STUDIES ON A CYTOPLASMIC FACTOR	24,885
GM20532-01	SINCLAIR, JOHN H	COMPOSITION AND REGULATION OF THE RIBOSOMAL GENOME	36,055
INSTITUTION TOTAL	5	138,237	
CITY TOTAL	5	138,237	
INDIANAPOLIS			
HEALTH AND HOSPITAL CORPORATION OF MARION COUNTY--MARION COUNTY GENERAL HOSPITAL			
HL16988-01	KELLEY, CHARLES R	HYPERTENSION: EDUCATIONAL COMPONENTS OF PATIENT CARE	224,422
INSTITUTION TOTAL	1	224,422	
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
HD07231-01	LI, TING-KAI	METABOLIC CONTROL MECHANISMS IN AGING OF SPERMATOZOA	30,780
GM21054-01	NANCE, WALTER E	INDIANA MEDICAL SCHOOL HUMAN GENETICS CENTER	711,813
INSTITUTION TOTAL	2	742,593	
CITY TOTAL	3	967,015	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
LAFAYETTE			
PURDUE UNIVERSITY			
NS10404-01A1	ADAMS, WILLIAM B	STUDY OF AUDITORY RECEPTOR MECHANISMS	45,463
GM20682-01	ARNOTT, STRUTHER	MOLECULAR GEOMETRIES OF MUCOPOLYSACCHARIDES	22,000
GM20606-01	ARONSON, ARTHUR I	MORPHOGENESIS OF BACTERIAL SPORES	37,963
HL07772-01	BERNBACH, HARLEY A	ASYMPTOTIC RECOGNIZABILITY AND RECOGNITION MEMORY	14,244
GM20440-01	BOUSQUET, WILLIAM F	CIRCADIAN RHYTHMS IN DRUG RESPONSE AND DRUG METABOLISM	21,000
GM21174-01	BYRN, STEPHEN R	SOLID STATE REACTIONS IN MEDICINAL CHEMISTRY	46,712
ES00929-01	BYRN, STEPHEN R	STRUCTURAL STUDIES OF PHYSIOLOGICALLY ACTIVE AGENTS	35,852
GM20763-01	CAPRIOLI, RICHARD M	STUDY OF MECHANISM OF ACTION OF ALDOLASES	20,254
AM17482-01	HILLBERRY, B M	EFFECT OF JOINT MOTION ON ARTICULAR CARTILAGE	44,516
NS11545-01	JAFFE, LIONEL F	ENDOGENOUS ELECTRICAL CONTROLS OF NEURITE GROWTH	52,838
GM19413-01	LEVINTHAL, MARK	ORIGIN AND REPLICATION OF PI-HISTIDINE FACTOR	36,008
EY01221-01	PINTO, LAWRENCE H	IONIC MECHANISMS FOR RETINAL NEURON POTENTIALS	38,990
INSTITUTION TOTAL	12	415,840	
CITY TOTAL	12	415,840	
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
GM20727-01	MARTINEZ-CARRION, MARINO	PROBES OF MOLECULAR FUNCTION IN PYRIDOXAL ENZYMES	21,800
INSTITUTION TOTAL	1	21,800	
CITY TOTAL	1	21,800	
STATE TOTAL	21	1,542,892	
IOWA			
AMES			
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY			
AI12129-01	HARRIS, DELBERT L	CULTIVATION OF TREPONEMES AND IMMUNITY TO SYPHILIS	34,369
GM20739-01	STADLER, JOAN K	GENETIC ANALYSIS OF HUMAN LYMPHOCYTES IN CULTURE	23,000
INSTITUTION TOTAL	2	57,369	
CITY TOTAL	2	57,369	
IOWA CITY			
UNIVERSITY OF IOWA			
AM16950-01	DAVIS, LEODIS	SERINE AND THREONINE METABOLISM	25,950
CA16762-01	DONHAM, KELLEY J	THE PATHOGENESIS OF ASBESTOS RELATED BOWEL CANCER	66,640
HD07578-01A1	FOMON, SAMUEL J	GROWTH AND NUTRITION OF NORMAL INFANTS	330,103

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HD08485-01	FRANKEL, JOSEPH	MUTATIONAL STUDY OF CILIATE DEVELOPMENT	30,834
HL16920-01	KALNITSKY, GEORGE	PROTEASES IN NORMAL AND IMMUNOLOGICALLY INJURED LUNG	114,539
CA13786-01A1	ROSAZZA, JOHN P	MICROBIAL TRANSFORMATIONS - NATURAL ANTITUMOR AGENTS	31,252
NS11028-01	SMITH, ROBERT V	METABOLISM OF APOMORPHINE AND ITS ANALOGS	52,150
GM21204-01	SURZYCKI, STEFAN J	TRANSCRIPTION OF CHLOROPLAST DNA OF C. REINHARDI	49,626
AM16736-01	SWENSON, CHARLES A	MYOSIN ATPASE MECHANISM AND ENERGY TRANSDUCTION	18,826
DE03532-01	WEI, STEPHEN H	CLINICAL AND CHEMICAL CHARACTERISTICS OF SN3F3P04	19,032
INSTITUTION TOTAL	10	738,952	
CITY TOTAL	10	738,952	
MOUNT VERNON			
CORNELL COLLEGE			
DE03531-01	JORDAN, TRUMAN H	CLINICAL AND CHEMICAL CHARACTERISTICS OF SN3F3P04	8,340
INSTITUTION TOTAL	1	8,340	
CITY TOTAL	1	8,340	
STATE TOTAL	13	804,661	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
NS10704-01A1	COUCH, JAMES R, JR	INVESTIGATION OF THE PHARMACOLOGY OF RAPHE NEURONS	40,691
AM16813-01	WOOD, JACKIE D	STUDY OF CONGENITAL MEGACOLON OF MICE	25,305
INSTITUTION TOTAL	2	65,996	
CITY TOTAL	2	65,996	
LAWRENCE			
UNIVERSITY OF KANSAS			
NS10918-01A2	BORCHARDT, RONALD T	INHIBITION OF CATECHOL-O-METHYLTRANSFERASE	26,418
AI11608-01	EVERETT, GROVER W, JR	STUDIES OF METAL BINDING IN TETRACYCLINE ANTIBIOTICS	22,649
NS11601-01	FULTON, ROBERT T	A SPECIAL CLINICAL CENTER FOR COMMUNICATIONS RESEARCH	200,935
NS11360-01A1	HIMES, RICHARD H	PROPERTIES OF MICROTUBULAR PROTEINS	63,342
CA16206-01	HOUSTON, L LUGENE	RICIN: A PLANT AGGLUTININ WITH ANTITUMOR PROPERTIES	53,344
HL16951-01	RYTTING, J HOWARD	EFFECT OF TEMPERATURE AND PRESSURE ON BLOOD PLATELETS	13,970
INSTITUTION TOTAL	6	380,658	
CITY TOTAL	6	380,658	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS			
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
HD07193-01	CONRAD, GARY W	MOLLUSCAN POLAR LOBES: ROLE IN EMBRYONIC DEVELOPMENT	16,492
ES00788-01	LAMBERT, JACK L	ANALYSIS OF CARBON MONOXIDE IN BLOOD	9,438
INSTITUTION TOTAL	2	25,930	
CITY TOTAL	2	25,930	
STATE TOTAL	10	472,584	
KENTUCKY			
FRANKFORT			
KENTUCKY STATE UNIVERSITY			
RR08124-01	LETTON, JAMES C	KENTUCKY STATE UNIVERSITY BIOMEDICAL RESEARCH PROGRAM	94,807
INSTITUTION TOTAL	1	94,807	
CITY TOTAL	1	94,807	
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CA15270-01	FLESHER, JAMES W	METABOLIC CHARACTERISTICS OF CHEMICAL CARCINOGENESIS	63,862
CA15799-01	GOLDENBERG, DAVID M	A MODEL FOR COLONIC CANCER-ASSOCIATED ANTIGENS	55,268
LM01927-01	HAMBURG, JOSEPH	ANNUAL REVIEW OF ALLIED HEALTH EDUCATION AND RESEARCH	27,400
NS12048-01	OTHMER, EKKEHARD	COMPUTER STUDY OF EEG SLEEP RECORDS	130,636
GM20818-01	RHOADS, ROBERT E	REGULATION OF OVALBUMIN SYNTHESIS IN CHICK OVIDUCT	33,393
AM17322-01	ROSENTHAL, GERALD A	THE ENZYMOLOGY OF ARGININE AND CANAVANINE BIOSYNTHESIS	4,500
AI11790-01	SMITH, COY D	EPIDEMIOLOGIC STUDY OF BLASTOMYCOSIS	16,129
INSTITUTION TOTAL	7	331,188	
CITY TOTAL	7	331,188	
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
HD07625-01	BENSON, ROBERT W	CONTROL OF GENE TRANSCRIPTION IN AGING ANIMALS	33,777
CA15256-01	BURTON, ROBERT M	A RADIOIMMUNOASSAY FOR HUMAN OVARIAN CANCER	34,349
HD07200-01	WILSON, RONALD S	HERITABILITY AND MENTAL DEVELOPMENT	20,942
CA16182-01	WONG, JOHN L	CHEMICAL CARCINOGENESIS. CAUSE AND PREVENTION	23,500
INSTITUTION TOTAL	4	112,568	
CITY TOTAL	4	112,568	
STATE TOTAL	12	538,563	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
BATON ROUGE			
GULF SOUTH RESEARCH INSTITUTE			
AI11532-01	STORRS, ELEANOR E	STUDY OF LEPROSY IN THE ARMADILLO	40,463
AI10927-01A1	STORRS, ELEANOR E	METABOLISM OF DDS BY THE ARMADILLO	39,569
INSTITUTION TOTAL	2	80,032	
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE			
HD07627-01	CHANG, SIMON H	ROLE OF TRANSFER RNA IN CELLULAR AGING	34,000
HL16029-01	PRYOR, WILLIAM A	BIO-ORGANIC CHEMISTRY OF OZONE, NO2 AND TOBACCO SMOKE	46,392
INSTITUTION TOTAL	2	80,392	
CITY TOTAL	4	160,424	
CARVILLE			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--PHS HOSPITAL			
AI11204-01	KIRCHHEIMER, WALDEMAR F	STUDY OF NINE-BANDED ARMADILLOS FOR LEPROSY RESEARCH	70,902
INSTITUTION TOTAL	1	70,902	
CITY TOTAL	1	70,902	
NEW ORLEANS			
ALTON OCHSNER MEDICAL FOUNDATION			
CA15578-01	PORTER, GEORGE H, III	SOUTHEASTERN CANCER STUDY GROUP	13,630
INSTITUTION TOTAL	1	13,630	
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
NS11019-01	HANCOCK, JOHN C	ACTION OF AMPHETAMINE ON CELLS OF THE BRAIN	26,120
DE03875-01	MARTINEZ, I RICARDO, JR	MEMBRANE-COATING GRANULES: ISOLATION AND BIOCHEMISTRY	7,500
INSTITUTION TOTAL	2	33,620	
LOUISIANA STATE UNIVERSITY SYSTEM--UNIVERSITY OF NEW ORLEANS			
GM18646-01A1	GUILBAULT, GEORGE G	A REAGENTLESS MONITORING SYSTEM FOR ENZYME ANALYSES	16,840
INSTITUTION TOTAL	1	16,840	
TULANE UNIVERSITY			
HD06555-01	ARIMURA, AKIRA	PHYSIOLOGICAL STUDIES ON LH-RELEASING HORMONE	27,085
CA15209-01	BECKER, HAL C	X-RAY MICROTOMOGRAPHY OF VARIOUS ORGAN SYSTEMS	30,847
NS12009-01	BRULEY, DUANE F	MATHEMATICAL STUDIES OF OXYGEN DIFFUSION IN THE BRAIN	36,778

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
RR00787-01	BURNS, KENNETH F	INSTITUTIONAL ANIMAL RESOURCE IMPROVEMENT	76,913
AM17692-01	IGNARRO, LOUIS J	CONTROL OF ENZYME RELEASE FROM HUMAN NEUTROPHILS	33,605
AI11142-01	LOOSE, LELAND D	MACROPHAGE MEDIATED MALARIAL IMMUNOSUPPRESSION	21,137
NS10578-01	PORCHER, WILLIAM J	REGULATION OF ENZYME DEVELOPMENT IN NEURONS	46,915
INSTITUTION TOTAL	7	273,280	
CITY TOTAL	11	337,370	
RUSTON			
LOUISIANA TECHNOLOGICAL UNIVERSITY			
AM16845-01	CRUMP, KENNY S	TRANSIENT ANALYSIS OF COUNTER CURRENT MULTIPLIERS	19,076
INSTITUTION TOTAL	1	19,076	
CITY TOTAL	1	19,076	
STATE TOTAL	17	587,772	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
EY01408-01	FOX, RICHARD R	HEREDITARY DISEASES	27,276
GM21266-01	SPROTT, RICHARD L	GENETIC ANALYSIS OF AVOIDANCE BEHAVIOR IN MICE	28,163
INSTITUTION TOTAL	2	55,439	
CITY TOTAL	2	55,439	
STATE TOTAL	2	55,439	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HD07179-01	BAYLESS, THEODORE M	LACTOSE INTOLERANCE IN HEALTHY CHILDREN	36,884
EY01312-01	CALKINS, JOSEPH L	HOLOGRAPHIC STRESS-TESTING OF THE SURGICAL CORNEA	69,514
GM21248-01	FENSELAU, CATHERINE C	NEW APPLICATIONS OF MASS SPECTROMETRY IN PHARMACOLOGY	105,356
EY01368-01	FINKELSTEIN, DANIEL	EXPERIMENTAL RETINAL NEOVASCULARIZATION	7,500
CA15997-01	GAFFNEY, BETTY G	SPIN-LABELING RECEPTORS ON NORMAL AND MALIGNANT CELLS	26,319
HL17016-01	GREEN, LAWRENCE W	HEALTH EDUCATION STRATEGIES FOR HYPERTENSION CONTROL	167,910
NS10465-01A1	GUARNIERI, MICHAEL	COMPARISON OF MYELIN AND THE OLIGODENDROCYTE MEMBRANE	46,714
HD08357-01	LENNARZ, WILLIAM J	PLASMA MEMBRANE CHANGES IN FERTILIZATION AND DEVELOPMENT	59,500

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
AI11281-01	LEVY, DAVID A	STUDY OF ALLERGIC MECHANISMS WITH MASTOCYTOMA CELLS	49,875
CA16157-01	OWELLEN, RICHARD J	PHARMACOLOGY OF THE VINCA ALKALOIDS	75,184
CA16068-01	POSNER, GARY H	TOTAL SYNTHESIS OF CROTEPOXIDE, AN ANTI-TUMOR COMPOUND	42,671
NS10580-01A1	PRICE, DONALD L	STUDIES OF CHROMATOLYSIS AND AXONAL REGENERATION	53,416
CA16418-01	ROBINSON, CECIL H	STEROIDS WITH CYTOTOXIC EFFECTS ON THE PROSTATE	61,576
GM20429-01	SHEARN, ALLEN D	REGULATION OF POSTEMBRYONIC DEVELOPMENT IN DROSOPHILA	27,000
RR00910-01	SOUTHWICK, CHARLES H	PRIMATE POPULATION STUDIES	10,443
GM21429-01	THOMPSON, W LEIGH	RENAL PHARMACOLOGY OF DOPAMINE AND PROSTAGLANDINS	41,500
NS11710-01	WALKER, A EARL	INTRACRANIAL PRESSURE MONITOR	64,054
CA16371-01	WILLIAMS, GEORGE M	STUDY OF CELLULAR IMMUNITY IN CANCER OF THE COLON	20,372
CA16373-01	WILLIAMS, GEORGE M	TISSUE CULTURE OF COLON CANCER-STUDY OF HUMAN IMMUNITY	28,750
AI11637-01	WINKELSTEIN, JERRY A	STUDIES ON HEAT LABILE OPSONIN AND SICKLE CELL DISEASE	20,794
AM17574-01	ZIERLER, KENNETH L	FLUXES ACROSS BIOMEMBRANES AND PEPTIDE HORMONE ACTION	61,590
INSTITUTION TOTAL	21	1,076,922	
SINAI HOSPITAL OF BALTIMORE			
CA16077-01	SELIGMAN, ARNOLD M	DRUG DEVELOPMENT FOR PROSTATIC CARCINOMA	80,000
INSTITUTION TOTAL	1	80,000	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS			
AI11725-01	BHALLA, SATISH C	GENETIC CONTROL OF FILARIASIS VECTORS	35,047
HL16891-01	BUCCI, CLARA F	STUDY OF FOLDING OF POLYPEPTIDE CHAINS IN HEMOGLOBIN	42,120
HL16278-01A1	BUCCI, ENRICO	ALLOSTERIC INTERACTIONS OF HUMAN HEMOGLOBIN	18,700
CA16147-01	BYRON, JOSEPH W	REGULATION OF THE HEMOPOIETIC STEM CELL	41,482
GM19858-01	FRANK, LEONARD H	SODIUM-MEDIATED TRANSPORT ACROSS BACTERIAL MEMBRANES	20,750
GM20294-01	KIRTLEY, MARY E	DEHYDROGENASE STRUCTURE AND FUNCTION	31,345
CA16299-01	LUDLUM, DAVID B	MUTAGENIC ALTERATIONS IN NUCLEIC ACID STRUCTURE	38,370
NS11199-01	RUCHKIN, DANIEL S	EVOKED AND EMITTED POTENTIALS AND TIME ESTIMATION	30,913
CA15834-01	TYSON, GRETA E	VINBLASTINE EFFECTS ON CELL STRUCTURE AND FUNCTION	34,054
INSTITUTION TOTAL	9	292,781	
CITY TOTAL	31	1,449,703	
BETHESDA			
UNIVERSITIES ASSOCIATED FOR RESEARCH AND EDUCATION IN PATHOLOGY			
LM02209-01	BINFORD, CHAPMAN H	PUBLICATION OF ATLAS ON PATHOLOGY OF TROPICAL DISEASES	63,450
AI12409-01	CALI, ANN	BIOCONTROL OF SCHISTOSOMES BY USE OF MICROSPORIDANS	18,558
INSTITUTION TOTAL	2	82,008	
CITY TOTAL	2	82,008	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND				
CATONSVILLE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS				
GM20188-01	POLLACK, RALPH M		MODELS FOR SCHIFF BASE ENZYMES	19,100
INSTITUTION TOTAL	1	19,100		
CITY TOTAL	1	19,100		
PRINCESS ANNE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND EASTERN SHORE				
RR08079-01	WUTOH, JOSEPH G		MARINE AND ESTUARINE PHARMACOLOGY	67,060
INSTITUTION TOTAL	1	67,060		
CITY TOTAL	1	67,060		
SILVER SPRING				
INSTITUTE FOR BEHAVIORAL RESEARCH				
HD08579-01	TAUB, EDWARD		FETAL ORIGINS OF PRIMATE SENSORY-MOTOR INTEGRATION	57,556
INSTITUTION TOTAL	1	57,556		
CITY TOTAL	1	57,556		
STATE TOTAL	36	1,675,427		
MASSACHUSETTS				
AMHERST				
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST				
HD08341-01	FISCHER, MARK S		PRETRANSCRIPTIONAL CONTROL OF DEVELOPMENT	51,948
EY01310-01	FITE, KATHERINE V		THE FOVEA: ANATOMICAL AND BEHAVIORAL STUDIES	40,745
HL16457-01	SLAKEY, LINDA L		BIOSYNTHESIS AND MODIFICATION OF FATTY ACIDS IN AORTA	63,408
HD08952-01	STRICKLAND, BONNIE R		LOCUS OF CONTROL, ASPIRATION & COMPETENCE IN CHILDREN	11,400
INSTITUTION TOTAL	4	167,501		
CITY TOTAL	4	167,501		
BOSTON				
BETH ISRAEL HOSPITAL				
AM17148-01	ROBINSON, STEPHEN H		FACTORS REGULATING HEMOPOIETIC CELL DIFFERENTIATION	33,100
INSTITUTION TOTAL	1	33,100		

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
HD06799-01A1	CHATTORAJ, SATI C	CORTICOSTEROIDS IN THE FETOPLACENTAL UNIT	24,975
CA15129-01	COOPERBAND, SIDNEY R	A SERUM IMMUNOSUPPRESSIVE FACTOR IN CANCER	41,900
EY01157-01	GORMAN, ANTHONY L	IONIC AND METABOLIC BASIS OF VISUAL RESPONSES	51,324
NS11429-01A1	GORMAN, ANTHONY L	THE METABOLIC REGULATION OF MEMBRANE PERMEABILITY	40,740
EY01398-01	HINDS, JAMES W	SERIAL SECTION ANALYSIS OF DEVELOPING MOUSE RETINA	41,798
EY01227-01A1	LAING, RONALD A	STUDIES OF THE CORNEAL ENDOTHELIUM OF THE EYE	76,056
HD07497-01A1	LOWENSTEIN, LEAH M	AGING IN THE KIDNEY	106,568
HD07703-01A1	POLGAR, PETER	PARTICIPATION OF CYCLIC AMP SYSTEM IN CELLULAR AGING	57,079
EY01349-01	RAVIOLA, GIUSEPPINA E	FUNCTIONAL ANATOMY OF THE ANTERIOR SEGMENT OF THE EYE	109,350
HL16714-01	SHEPRO, DAVID	ENDOTHELIAL CELL COMMUNICATION IN HOMEOSTASIS	52,000
INSTITUTION TOTAL	10	601,790	
CENTER FOR BLOOD RESEARCH			
CA15388-01	ANTONIADES, HARRY N	CHARACTERIZATION OF SERUM FACTORS INDUCING MITOSIS	46,400
INSTITUTION TOTAL	1	46,400	
CHILDREN'S CANCER RESEARCH FOUNDATION			
AI12184-01	CANTOR, HARVEY I	T CELL SUBPOPULATIONS IN TRANSPLANTATION IMMUNITY	93,150
CA15679-01	REINISCH, CAROL L	SV 40 POTENTIATION OF IMMUNE RESPONSIVENESS TO TUMORS	43,570
INSTITUTION TOTAL	2	136,720	
CHILDREN'S HOSPITAL MEDICAL CENTER			
HL16389-01	BRAUNWALD, NINA S	DEVELOPMENT OF PROSTHETIC HEART VALVES FOR CHILDREN	86,123
HD06413-01A1	DREIER, THEODORE	PRETERM INFANT BIORHYTHMS: INTERACTION & DEVELOPMENT	29,010
NS10368-01A1	DUFFY, FRANK H	RECEPTIVE FIELD ORGANIZATION OF SOMATOSENSORY CORTEX	76,347
NS10805-01	FISCHER, EDWIN G	IMPAIRMENT OF CEREBRAL PERFUSION FOLLOWING ISCHEMIA	32,852
HD07376-01A1	GALLOP, PAUL M	FIBROBLASTS AND CONNECTIVE TISSUES IN DEVELOPMENT	280,787
NS10990-01	HEDLEY-WHYTE, E TESSA	BLOOD BRAIN BARRIER	27,252
INSTITUTION TOTAL	6	532,371	
FORSYTH DENTAL CENTER			
DE03916-01	GRON, POUL	INHIBITORS OF MINERAL FORMATION IN SALIVA AND PLAQUE	83,294
INSTITUTION TOTAL	1	83,294	
HARVARD UNIVERSITY			
CA15523-01	ADELSTEIN, STANLEY J	THERAPEUTIC/TOXIC ACTION OF ELECTRON-EMITTING NUCLIDES	33,250
CA16252-01	BENJAMIN, THOMAS L	GENETIC AND BIOCHEMICAL STUDIES OF MLV AND MSV	32,215

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
EY01370-01	BIENFANG, DON C	BRAINSTEM PATHWAYS FOR ADDUCTION OF THE EYE	53,608
HD06916-01A1	BIGGERS, JOHN D	STUDY OF REPRODUCTION	160,404
CA16768-01	COLE, PHILIP T	INTERNATIONAL BLADDER CANCER STUDY: PLANNING PHASE	10,575
HD06969-01	DYM, MARTIN	THE ROLE OF THE SERTOLI CELL IN SPERMATOGENESIS	23,450
CA13385-01A1	ESSEX, MYRON E	STUDY OF ONCORNAVIRUS-ASSOCIATED CELL-MEMBRANE ANTIGENS	34,140
NS12050-01	FOOTE, WARREN E	ELECTROPHYSIOLOGY OF INDOLEAMINES IN THALAMUS	33,750
AM16835-01	GERSHOFF, STANLEY N	EFFECT OF DIET ON URINARY STONE FORMATION IN ANIMALS	35,925
HD08258-01	HAMILTON, DAVID W	FUNCTION OF CARNITINE IN THE MALE REPRODUCTIVE TRACT	72,855
CA16019-01	HERMAN, PETER G	LYMPH NODE METASTASIS: ANGIOGRAPHIC & ISOTOPIC STUDIES	36,875
HD06774-01A1	HERRERA, M GUILLERMO	MALNUTRITION AND PSYCHOLOGIC DEVELOPMENT	120,455
DE03793-01A1	IRVING, JAMES T	THE HISTOCHEMISTRY OF PERIODONTAL DISEASE	100,223
AI12186-01	MURRAY, EDWARD S	DIAGNOSTIC SIGNIFICANCE: ANTIBODY RESPONSE TO GONORRHEA	30,110
GM20366-01	RANDO, ROBERT R	SUBSTRATE INDUCED IRREVERSIBLE INHIBITION OF ENZYMES	31,695
EY01344-01	RAVIOLA, ELIO	FREEZE-FRACTURE STUDIES ON THE RETINA	48,168
INSTITUTION TOTAL 16		857,698	
MASSACHUSETTS EYE AND EAR INFIRMARY			
EY00999-01	DONALDSON, DAVID D	OPHTHALMIC INSTRUMENTATION RESEARCH	58,489
INSTITUTION TOTAL 1		58,489	
MASSACHUSETTS GENERAL HOSPITAL			
AM16914-01	AVRUCH, JOSEPH	RED CELL CATION TRANSPORT AND CONTRACTILE FUNCTIONS	39,773
AM17776-01	AVRUCH, JOSEPH	STUDIES ON PHOSPHOPEPTIDE METABOLISM IN ADIPOCYTES	129,468
HD07461-01	BADEN, HOWARD P	AN INHIBITOR OF DNA SYNTHESIS OF PLACENTAL ORIGIN	23,854
HL16925-01	KAZEMI, HOMAYOUN	CENTRAL CHEMICAL CONTROL OF VENTILATION	50,000
EY01075-01	MASLAND, RICHARD H	NEUROTRANSMISSION IN MAMMALIAN RETINA	31,799
AM17459-01	NEER, ROBERT M	ENVIRONMENTAL LIGHT CALCIFEROL AND CALCIUM HOMEOSTASIS	104,252
CA16769-01	ORNELLAS, EUGENE P	CEA IN UROGENITAL CARCINOMAS	42,395
CA15889-01	ROBLIN, RICHARD O, III	STUDY OF CELL SURFACE CHANGES IN VIRAL ONCOGENESIS	26,942
DE03951-01	SMITH, GENE M	STUDIES OF ACUPUNCTURE IN DENTAL PAIN	158,285
EY01030-01A1	SWANN, DAVID A	CHEMISTRY AND BIOLOGY OF VITREOUS STRUCTURAL PROTEINS	36,866
NS11551-01	WRAY, SHIRLEY H	DEMYELINATION AND THE OPTIC NERVE	43,104
INSTITUTION TOTAL 11		686,738	
NEW ENGLAND MEDICAL CENTER HOSPITAL			
AI11980-01	BOREL, YVES R	IMMUNOLOGIC TOLERANCE TO DNA IN MURINE LUPUS NEPHRITIS	35,652
HD07681-01A1	COHN, HERBERT E	FETAL CARDIOVASCULAR RESPONSE TO ASPHYXIA	45,158
HD08958-01	DWYER, JOHANNA T	EFFECT OF DIET ON GROWTH OF CHILDREN	26,300
NS11212-01A1	GUINANE, JAMES E	PULSE PRESSURE IN NORMAL AND HYDROCEPHALIC ANIMALS	69,683

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
NEW ENGLAND MEDICAL CENTER HOSPITAL			
EY00936-01	SCHWARTZ, BERNARD	CHANGES IN THE OPTIC DISC IN PATIENTS WITH GLAUCOMA	97,419
EY00926-01A1	SOKOL, SAMUEL	ERG AND VECP AS INDICES OF PHOTOPIC DYSFUNCTION	19,929
INSTITUTION TOTAL	6	294,141	
NORTHEASTERN UNIVERSITY			
HD07075-01	SIDMAN, MURRAY	READING, CROSSMODAL TRANSFER, AND STIMULUS CONTROL	30,606
INSTITUTION TOTAL	1	30,606	
RETINA FOUNDATION			
EY01400-01	CASTANY, MARIE A	EFFECTS OF BLOOD PO2, PCO2 AND PH ON RETINAL VESSELS	14,978
EY01303-01	RIVA, CHARLES E	HUMAN RETINAL BLOOD FLOW AND LASER VELOCIMETRY	42,790
INSTITUTION TOTAL	2	57,768	
ROBERT B. BRIGHAM HOSPITAL			
AI12110-01	REMOLD, HEINZ G	MACROPHAGE INTERACTIONS WITH LYMPHOCYTE MEDIATORS	45,000
INSTITUTION TOTAL	1	45,000	
TUFTS UNIVERSITY			
NS12042-01	BLUESTONE, CHARLES D	CONFERENCE ON TONSILLECTOMY AND ADENOIDECTOMY	4,250
AM17775-01	DRYSDALE, JAMES W	MAMMALIAN ISOFERRITINS - STRUCTURE AND METABOLISM	30,679
DE03968-01	FORGIONE, ALBERT G	STUDY OF METHODS TO CONTROL BRUXISM	7,500
GM20155-01	LANGERMAN, NEAL R	THERMODYNAMIC STUDIES OF NUCLEOTIDE SYNTHESIS	12,658
CA16377-01	MERK, FREDERICK B	ULTRASTRUCTURE OF EXPERIMENTAL TUMOR CELL SURFACES	72,018
NS11174-01	RANDIC, MIRJANA	SENSITIVITY AND FUNCTIONAL ORGANIZATION OF SPINAL CORD	49,680
CA16172-01	WORTIS, HENRY H	NEOPLASIA IN NUDE (ATHYMIC) MICE	103,811
INSTITUTION TOTAL	7	280,596	
UNIVERSITY HOSPITAL			
NS11190-01A1	ROMANUL, FLAVIU C	HISTOCHEMICAL STUDIES OF NEURAL INFLUENCES ON MUSCLE	55,309
INSTITUTION TOTAL	1	55,309	
CITY TOTAL	67	3,800,020	
CAMBRIDGE			
HARVARD UNIVERSITY			
GM20798-01	KLOTZ, LYNN C	PHYSICAL STUDIES OF DNA RENATURATION KINETICS	6,036

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
HL16325-01A1	KRONAUER, RICHARD E	BREATHING PATTERNS IN MAN	50,895
GM21052-01	MC CLURE, WILLIAM R	MECHANISM AND REGULATION OF E COLI RNA POLYMERASE	43,171
INSTITUTION TOTAL 3		100,102	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
GM21253-01	BOTSTEIN, DAVID	MOLECULAR GENETICS OF MORPHOGENETIC PATHWAYS	102,367
NS11153-01	BRAIDA, LOUIS D	INTENSITY PERCEPTION AND LOUDNESS	85,024
DE03976-01	CONEY, CHARLES L	STREPTOCOCCUS MUTANS AND DENTAL CARIES FORMATION	63,432
GM21106-01	HALL, LINDA M	NEUROLOGICAL MUTANTS OF DROSOPHILA MELANOGASTER	53,875
CA15535-01	HECHT, SIDNEY M	SPECIFIC INHIBITION OF DIHYDROFOLATE REDUCTASE	19,082
NS11680-01	HOUTSMA, ADRIANUS J	AUDITORY PITCH PROCESSING OF COMPLEX TONES	63,602
CA16111-01	LELE, PADMAKAR P	LOCAL ULTRASONIC HYPERTHERMIA FOR TUMOR THERAPY	41,562
AM16116-01	MANN, ROBERT W	PRESSURE DISTRIBUTION ACROSS HUMAN HIP JOINT	148,350
HD08300-01	SCRIMSHAW, NEVIN S	PROTEIN NEEDS OF ELDERLY PEOPLE	59,828
NS10916-01	SIEBERT, WILLIAM M	BINAURAL HEARING	211,471
LM02109-01	SIVIN, NATHAN	STUDY OF TRADITIONAL CHINESE MEDICINE	33,275
INSTITUTION TOTAL 11		881,918	
CITY TOTAL 14		982,020	
CHESTNUT HILL			
BOSTON COLLEGE			
AM17612-01	LISS, MAURICE	PROTEIN METHYLATION IN POSTERIOR PITUITARY FUNCTION	20,566
INSTITUTION TOTAL 1		20,566	
CITY TOTAL 1		20,566	
MEDFORD			
TUFTS UNIVERSITY			
CA14960-01	KREIFELDT, JOHN G	COMPUTER CONTROL OF RADIATION THERAPY CANCER TREATMENT	58,579
AM17414-01	SCHAEFFER, JOHN F	MOLECULAR ASPECTS OF NA-COUPLED TRANSPORT	24,177
INSTITUTION TOTAL 2		82,756	
CITY TOTAL 2		82,756	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
CA15187-01	BARIL, EARL F	DNA SYNTHESIS: REGULATION IN NORMAL AND CANCER CELLS	92,820

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
NS11452-01	JAHAN-PARWAR, BEHRUS	MECHANISM OF CHEMORECEPTION	60,049
ES00834-01	KUPFER, DAVID	EFFECTS OF CHLORINATED HYDROCARBONS ON MAMMALS	44,400
CA15573-01	LUFTIG, RONALD B	PHYSICOCHEMICAL STUDIES OF VIRAL NUCLEOCAPSID ASSEMBLY	60,650
HD07476-01	MAUDSLEY, DAVID V	DIAMINE METABOLISM IN TISSUE GROWTH	37,507
CA15229-01	WEIHING, ROBERT R	STUDY OF ACTIN AND TUBULIN CANCER CELLS	71,700
INSTITUTION TOTAL	6	367,126	
CITY TOTAL	6	367,126	
WALTHAM			
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
NS10613-01	MC CLUER, ROBERT H	NEURONAL CELL SPECIFICITY OF GLYCOLIPID PATTERNS	53,255
INSTITUTION TOTAL	1	53,255	
CITY TOTAL	1	53,255	
WOODS HOLE			
MARINE BIOLOGICAL LABORATORY			
EY01362-01	FEIN, ALAN	MECHANISMS OF VISION	74,340
INSTITUTION TOTAL	1	74,340	
SOCIETY OF GENERAL PHYSIOLOGISTS			
GM20617-01	STEPHENS, RAYMOND E	MOLECULES AND CELL MOVEMENT - A SYMPOSIUM	2,500
INSTITUTION TOTAL	1	2,500	
CITY TOTAL	2	76,840	
WORCESTER			
CLARK UNIVERSITY			
CA16267-01	ERICKSON, KAREN L	CHEMICAL INVESTIGATION OF HAWAIIAN MARINE ALGAE	29,860
INSTITUTION TOTAL	1	29,860	
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
AM16552-01	COOKE, WILLIAM J	HEPATIC EXCRETION OF ANIONIC DRUGS	30,152
GM20641-01	LEIGHTON, TERRANCE J	TRANSCRIPTIONAL CONTROL OF BACTERIAL CELL DEVELOPMENT	57,190
GM20755-01	TIPPER, DONALD J	INHIBITORS OF YEAST RNA POLYMERASES	51,769
INSTITUTION TOTAL	3	139,111	
CITY TOTAL	4	168,971	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	101	5,719,055	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
NS10854-01	ANDERSON, DAVID J	NEUROPHYSIOLOGY OF SINGLE VESTIBULAR NEURONS	52,702
GM20992-01	ASHE, ARTHUR J, III	PHOSPHORUS ANOLOGUES OF BIOLOGICALLY ACTIVE PYRIDINES	13,270
ES01024-01	BERNSTEIN, ISADORE A	EFFECT OF CHLORAMPHENICOL ON CCL-INDUCED LIVER DAMAGE	42,961
HD08130-01	CORBETT, THOMAS H	TERATOGENICITY OF ANESTHETICS	74,672
CA15082-01	CORNISH, HERBERT H	METABOLISM OF POTENTIAL CARCINOGENS	33,125
AI11359-01	FEKETY, F ROBERT, JR	EXPERIMENTAL BACTERIAL ENDOCARDITIS	13,278
EY01281-01	FISHER, LESLIE J	DEVELOPMENTAL ANALYSIS OF RETINAL SYNAPTIC ORGANIZATION	8,746
GM19664-01	HAND, JAMES H	GLASS-ELASTOMER COMPOSITE BIOMATERIALS	16,795
GM21287-01	HELLING, ROBERT B	COUPLING EUKARYOTIC GENES TO PROKARYOTIC PLASMIDS	47,713
AM16694-01	HIGUCHI, WILLIAM I	MECHANISMS OF CHOLESTEROL GALLSTONE DISSOLUTION RATES	24,008
HD08287-01	HOFFMAN, LOIS W	STUDY OF MOTIVATION FOR HAVING CHILDREN	196,601
NS11672-01	JOHNSSON, LARS-GORAN	CALCIUM TURNOVER IN OTOLITHIC MEMBRANES	9,460
NS11731-01	LAWRENCE, MERLE	CONTROL OF THE INNER EAR MICROCIRCULATION	40,503
HD08586-01	LEE, RONALD D	POPULATION DYNAMICS IN PREINDUSTRIAL ENGLAND	17,393
DE03901-01	LOE, HARALD	DICHOTOMY OF CARIES AND PERIODONTITIS IN SRI LANKA	43,594
AM16529-01	LOUIS, LAWRENCE H	NEW DIABETOGENIC PEPTIDE FROM HUMAN PITUITARY GLANDS	35,762
AM16869-01	MELVIN, JOHN W	BIOMECHANICS OF CERVICAL SPINE INJURY	50,600
HD08333-01	MIDGLEY, A REES, JR	HORMONES IN REPRODUCTION: A PROGRAM PROJECT	323,607
GM20737-01	OXENDER, DALE L	TRANSPORT COMPONENTS FROM EUKARYOTES AND BACTERIA	25,518
HD08358-01	PAYNE, ANITA H	MECHANISM OF ACTION OF GONADOTROPINS IN THE TESTIS	85,197
HD07406-01	RADIN, NORMAN S	CHEMOTHERAPY AND MODELS OF HERITABLE SPHINGOLIPIDOSES	17,333
HD08524-01	SIMMONS, GEORGE B	STUDY OF FAMILY-PLANNING PROGRAM IN INDIA	31,011
NS10558-01	SMITH, CHARLES B	PSYCHOTROPIC DRUGS AND BIOGENIC AMINES	59,291
HL16760-01	SPARKS, HARVEY V	DYNAMIC CONTROL OF CORONARY BLOOD FLOW	37,220
HL17045-01	SWAIN, MARY A	INFLUENCING COMPLIANCE AMONG HYPERTENSIVE PATIENTS	47,436
HD08281-01	VALENSTEIN, ELLIOT S	NEUROENDOCRINE REGULATION OF REPRODUCTIVE BEHAVIOR	55,824
GM20507-01	WOODROOFE, MICHAEL B	TOPICS IN SEQUENTIAL MEDICAL TRIALS	19,196
INSTITUTION TOTAL	27	1,422,816	
CITY TOTAL	27	1,422,816	
DETROIT			
MICHIGAN CANCER FOUNDATION			
CA14680-01A1	MAHER, VERONICA M	ROLE OF MUTAGENESIS IN CHEMICAL CARCINOGENESIS	57,205
GM21093-01	ZEMLICKA, JIRI	TRANSITION STATE MODELS OF PROTEIN SYNTHESIS	51,887
INSTITUTION TOTAL	2	109,092	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
DETROIT			
SINAI HOSPITAL OF DETROIT			
EY00886-01A1	BECKMAN, HUGH	LASER GLAUCOMA SURGERY	24,450
INSTITUTION TOTAL 1		24,450	
WAYNE STATE UNIVERSITY			
GM21376-01	BAGSHAW, JOSEPH C	TRANSCRIPTIONAL RESTRICTION IN EMBRYONIC DEVELOPMENT	38,038
NS10410-01A1	BENITEZ, JAIME T	EFFECTS OF PARTIAL LESIONS IN THE VESTIBULAR SYSTEM	57,909
AI11662-01A1	BOECKMAN, ROBERT K, JR	APPROACHES TO THE SYNTHESIS OF THE SESTERTERPENES	19,942
HD07722-01	GALA, RICHARD R	NEURAL REGULATION OF PROLACTIN SECRETION	26,082
AI11013-01	LIGHTBODY, JAMES J	IN VITRO STUDY OF HUMAN ALLOGRAFT IMMUNITY	24,391
CA16426-01	ROSE, NOEL R	ANTIGENIC COMPONENTS OF HUMAN PROSTATIC ADENOCARCINOMA	20,007
HD07739-01	ROSEN, RUTH A	DECISION MAKING ON UNPLANNED PROBLEM PREGNANCIES	101,214
HD07369-01	SHANTZ, CAROLYN U	GENERALITY AND CORRELATES OF EGOCENTRISM IN CHILDREN	9,874
CA14028-01A1	VAITKEVICIUS, VAINUTIS K	SOUTHWEST CANCER CHEMOTHERAPY STUDY GROUP	43,389
INSTITUTION TOTAL 9		340,846	
CITY TOTAL 12		474,388	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
GM19699-01A1	AUST, STEVEN D	INVESTIGATION OF MEMBRANE STRUCTURE AND FUNCTION	15,356
HD06290-01A1	BAILIE, MICHAEL D	ANATOMICAL AND FUNCTIONAL DEVELOPMENT OF THE KIDNEY	35,998
HL16778-01	BRODY, THEODORE M	CARDIAC PHARMACOLOGY OF PHENOTHIAZINE METABOLITES	27,685
NS10716-01A1	CARROW, REXFORD E	MUSCULAR DYSTROPHY: ALTERATIONS MEDIATED BY EXERCISE	79,078
HD07534-01	DUKELOW, W RICHARD	CYTOGENETIC STUDIES OF PRIMATE DEVELOPMENT	34,776
ES00910-01	GIBSON, JAMES E	PESTICIDE BEHAVIORAL TERATOLOGY	26,141
HL16158-01A1	HADDY, FRANCIS J	POTASSIUM AND SODIUM EFFECTS ON THE WORKING HEART	26,078
CA15137-01A1	KOHRMAN, ARTHUR F	ESTROGENS, ALTERED DIFFERENTIATION, AND MALIGNANCY	19,496
AM16293-01	LITTLE, ROBERT W	CONSTITUTIVE EQUATIONS FOR SOFT TISSUES	20,699
HD06683-01A1	OZAKI, HIRONOBU	ROLE OF CHROMATIN IN EMBRYONIC DETERMINATION	15,457
HD06223-01A1	RIEGLE, GAIL D	THE EFFECT OF AGING ON HYPOTHALAMIC CONTROL SYSTEMS	24,635
AM17742-01	RONZIO, ROBERT A	THE ROLE OF GLYCOPROTEINS IN PANCREATIC SECRETION	34,614
AI12133-01	SNYDER, LOREN R	VIRAL INDUCED CHANGES IN REPLICATION AND TRANSCRIPTION	23,385
HL15802-01A1	STICKNEY, JANICE L	DIGITALIS: MECHANISMS OF CARDIAC SYMPATHETIC EFFECTS	61,873
HD07275-01	WEICHSEL, MORTON E, JR	HORMONAL REGULATION OF BRAIN PYRIMIDINE BIOSYNTHESIS	25,123
INSTITUTION TOTAL 15		470,394	
CITY TOTAL 15		470,394	
KALAMAZOO			
WESTERN MICHIGAN UNIVERSITY			
HD08468-01	OLSEN, RONALD W	STUDY OF COMPETITION BETWEEN TWO SPECIES	15,141

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	15,141	
CITY TOTAL	1	15,141	
STATE TOTAL	55	2,382,739	
MINNESOTA			
DULUTH			
UNIVERSITY OF MINNESOTA			
HD08949-01	GUERIQUIAN, JEAN L	PROSTAGLANDIN-PROTEIN INTERACTIONS & HUMAN REPRODUCTION	22,500
INSTITUTION TOTAL	1	22,500	
CITY TOTAL	1	22,500	
MINNEAPOLIS			
MOUNT SINAI HOSPITAL			
HD07799-01	GRANDE, FRANCISCO	EFFECT OF AGE ON ADIPOSE TISSUE LIPOLYSIS	20,795
INSTITUTION TOTAL	1	20,795	
SOCIETY OF ACADEMIC CHAIRMEN IN OTOLARYNGOLOGY			
CA15946-01	OGURA, JOSEPH H	CENTENNIAL CONFERENCE ON LARYNGEAL CANCER	30,000
INSTITUTION TOTAL	1	30,000	
UNIVERSITY OF MINNESOTA			
HL16484-01	AMPLATZ, KURT	RADIOGRAPHIC VENTRICULOMETRY FOR CORONARY HEART DISEASE	54,643
GM19743-01	ANDERSON, DWIGHT L	GENETIC ASPECTS OF DNA-PROTEIN INTERACTIONS	39,241
HL16833-01	BENSON, ELLIS S	HEMOGLOBIN AND RED CELL SYSTEM IN HEMOGLOBINOPATHIES	299,369
HL16573-01	BLACKBURN, HENRY	STUDY OF PREVENTION OF SUDDEN CORONARY DEATH	80,852
GM21359-01	BODLEY, JAMES W	GUANINE NUCLEOTIDES AND PROTEIN CHAIN GROWTH	69,034
NS10560-01A1	CAPPS, MARY J	SINUSOIDAL ACCELERATION. A TEST OF VESTIBULAR FUNCTION	46,732
AM17154-01	DESNICK, ROBERT J	THERAPY OF METABOLIC DISEASES	76,980
DE03947-01	FENSTAD, ALFRED M	FEMALE SEX HORMONE MECHANISM IN PREGNANCY GINGIVITIS	7,500
HL16418-01	JORGENSEN, CHARLES R	ADENOSINE AS AN INDICATOR OF CARDIAC ISCHEMIA IN MAN	14,151
NS11778-01	JUHN, S K	THE INNER EAR BIOCHEMISTRY OF ADRENAL INSUFFICIENCY	37,714
NS10969-01	KENNEDY, WILLIAM R	ELECTRON MICROSCOPY OF HUMAN MUSCLE SPINDLES	10,000
AM17230-01	KUNAU, ROBERT T, JR	NEPHRON RESPONSE TO SYSTEMIC ACID BASE DISTURBANCES	34,926
AM17766-01	LAZAROW, ARNOLD	SELECTIVE DIFFERENTIATION/HUMAN ISLET/ORGAN CULTURE	44,161
NS10561-01A1	NELSON, DAVID A	AUDITORY IMPERCEPTION OF COMPLEX ACOUSTIC SIGNALS	78,822
NS11695-01	POPPELE, RICHARD E	FACTORS IN REFLEX MOTOR CONTROL	62,305
HL16524-01	PORTOGHESE, PHILIP S	SELECTIVE INHIBITORS OF PROSTAGLANDIN BIOSYNTHESIS	67,043
HL17132-01	REPINE, JOHN E	QUANTITATIVE HUMAN ALVEOLAR MACROPHAGE FUNCTION	29,996

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
GM20207-01	ROON, ROBERT J	BIOTIN HOLOENZYME SYNTHETASE: MECHANISM & SPECIFICITY	23,455
ES00760-01	SPARBER, SHELDON B	LASTING EFFECTS OF PRENATAL LOW DOSE METHYLMERCURY	38,091
CA15891-01	WETLAUFER, DONALD B	MECHANISM OF LYSOZYME ACTION ON MAMMALIAN CELLS	19,338
INSTITUTION TOTAL	20	1,134,353	
CITY TOTAL	22	1,185,148	
ROCHESTER			
MAYO FOUNDATION			
CA15804-01	BROWN, ARNOLD L, JR	HISTOLOGICAL GRADING OF PROSTATIC CARCINOMA	37,305
CA15103-01	MALDONADO, JORGE E	THE PLATELET LINE IN MYELOPROLIFERATIVE MALIGNANCIES	35,835
HL15459-01	MC GOON, DWIGHT C	INTRAVENTRICULAR BALLOON CARDIAC ASSIST	63,510
AM17717-01	MEYER, JOHN L	EPITAXIAL RELATIONSHIPS IN UROLITHIASIS	26,500
HL16726-01	RODARTE, JOSEPH R	RESISTANCE AND IMPEDANCE OF THE RESPIRATORY SYSTEM	47,314
HL16496-01	ROMERO, JUAN C	PROSTAGLANDINS AND RENIN EXPERIMENTAL HYPERTENSION	57,930
AM17632-01	SZURSZEWSKI, JOSEPH H	NEUROPHYSIOLOGICAL CONTROL OF GI MOTILITY	24,260
CA16031-01	TOFT, DAVID O	BINDING OF CHEMICAL CARCINOGENS IN THE LUNG	29,195
AM16319-01A1	VENEZIALE, CARLO M	STIMULATION OF GLUCONEOGENESIS BY GLUCAGON	29,810
NS11014-01	WEINSHILBOUM, RICHARD M	DOPAMINE-B-HYDROXYLASE: NEURAL RELEASE AND METABOLISM	46,879
INSTITUTION TOTAL	10	398,538	
CITY TOTAL	10	398,538	
SAINT PAUL			
UNIVERSITY OF MINNESOTA			
HD07911-01	BURKE, WILLIAM H	SPERM STORAGE IN AVIAN OVIDUCTS	34,805
HD07242-01	BURKE, WILLIAM H	PROLACTIN, PROGESTERONE, AND REPRODUCTION OF BIRDS	24,277
ES01057-01	CSALLANY, AGNES S	O & NO TOXICITY IN NORMAL & ANTIOXIDANT-FED ANIMALS	45,166
HD07632-01	GRAHAM, EDMUND F	FREEZE DRYING OF NUCLEATED MAMMALIAN CELLS	31,158
HD07336-01	HERMAN, WILLIAM S	LEPIDOPTERAN REPRODUCTIVE NEUROENDOCRINOLOGY	24,196
CA16231-01	LIENER, IRVIN E	THE ROLE OF PROTEOLYSIS IN MALIGNANT GROWTH	18,643
INSTITUTION TOTAL	6	178,245	
CITY TOTAL	6	178,245	
STATE TOTAL	39	1,784,431	
MISSISSIPPI			
HATTIESBURG			
UNIVERSITY OF SOUTHERN MISSISSIPPI			
ES00858-01	TOOM, PAUL M	STUDY OF TOXIN FROM A JELLYFISH MODEL	25,987

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	25,987	
CITY TOTAL	1	25,987	
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
RR00727-01	CHRISTIE, RUSSELL J	ANIMAL RESOURCE IMPROVEMENT	104,569
INSTITUTION TOTAL	1	104,569	
CITY TOTAL	1	104,569	
STATE COLLEGE			
MISSISSIPPI STATE UNIVERSITY			
ES00840-01	YARBROUGH, JAMES D	CELLULAR STUDIES OF VERTEBRATE INSECTICIDE RESISTANCE	30,633
INSTITUTION TOTAL	1	30,633	
CITY TOTAL	1	30,633	
UNIVERSITY			
UNIVERSITY OF MISSISSIPPI			
CA14617-01A1	CORBETT, MICHAEL D	THIAMINE MEDIATED FORMATION OF HYDROXAMIC ACIDS	18,048
CA15590-01	HUFFORD, CHARLES D	ANTITUMOR AGENTS FROM WEST AFRICAN PLANTS	28,406
INSTITUTION TOTAL	2	46,454	
CITY TOTAL	2	46,454	
STATE TOTAL	5	207,643	
MISSOURI			
COLUMBIA			
CANCER RESEARCH CENTER			
ES00640-01A1	BROWN, HARRY D	AFLATOXIN METABOLISM BY HUMAN LIVER	30,504
INSTITUTION TOTAL	1	30,504	
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
CA16327-01	AGRIS, PAUL F	HUMAN BIOCHEMICAL GENETICS: TRANSFER RNA IN LEUKEMIA	31,532
AM16560-01	ASPLUND, JOHN M	METABOLIC STUDIES IN PARENTERALLY FED MODELS	25,041
NS10565-01A1	DELLMANN, HORST-DIETER	PARS INTERMEDIA ROSTRAL ZONE AND ACTH SECRETION	26,354
HL17141-01	HURST, DANIEL J	COLLAGEN CHEMISTRY IN PULMONARY FIBROSIS	30,000

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
AM16885-01	KENNY, ALEXANDER D	CALCIUM HOMEOSTASIS: ENDOCRINE AND COMPARATIVE ASPECTS	36,169
HL16041-01A1	MEYER, DALLAS K	MYOCARDIAL CIRCADIAN METABOLIC RHYTHMS	25,002
GM21305-01	WANG, RICHARD J	MITOSIS AND MITOTIC ARREST IN MAMMALIAN CELLS	62,466
HL16707-01	WILSON, ROBERT B	DIETARY ANTIOXIDANTS AND ATHEROSCLEROSIS	24,529
INSTITUTION TOTAL	8	261,093	
CITY TOTAL	9	291,597	
FULTON			
WESTMINSTER COLLEGE			
LM02268-01	JONES, RUSSELL M	PUBLICATION OF LETTERS ON FRENCH SURGERY, 1832-35	17,065
INSTITUTION TOTAL	1	17,065	
CITY TOTAL	1	17,065	
KANSAS CITY			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT KANSAS CITY			
CA15824-01	DIAS, JERRY R	SYNTHESIS OF ANTILEUKEMIC ANALOGS OF QUASSIN	27,181
INSTITUTION TOTAL	1	27,181	
CITY TOTAL	1	27,181	
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
CA15621-01	PRESANT, CARY A	STRUCTURE OF HUMAN PLASMA MEMBRANE GLYCOPROTEINS	23,795
INSTITUTION TOTAL	1	23,795	
ST. LOUIS UNIVERSITY			
AM16623-01	FITCH, COY D	METABOLIC ADAPTATION OF MUSCLE: THE NEED FOR CREATINE	27,454
CA16312-01	GRANDGENETT, DUANE P	STUDY OF AVIAN DNA POLYMERASE-RNASE H ENZYMES	23,166
AM17084-01	KAMINSKI, DONALD L	BIOASSAY OF HEPATIC HORMONAL RECEPTOR SITES	33,362
NS11042-01A1	MURPHY, MICHAEL G	AXOPLASMIC FLOW IN CEREBELLAR AFFERENT SYSTEMS	45,306
AM16312-01	SCHOENBERG, HARRY W	METHODS OF MANAGING THE NEUROGENIC BLADDER	39,703
INSTITUTION TOTAL	5	168,991	
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT ST. LOUIS			
NS10903-01	COREY, JOYCE Y	GROUP IV ANALOGS OF AMITRIPTYLINE AND IMIPRAMINE	36,892
INSTITUTION TOTAL	1	36,892	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
GM19821-01	APIRION, DAVID	GENETICS OF RIBONUCLEASES AND RNA DEGRADATION	25,500
AM16741-01	CHILSON, OSCAR P	PURINE METABOLISM: ERYTHROCYTES OF DEVELOPING CHICKS	27,558
EY01255-01	COWAN, W MAXWELL	QUANTITATIVE ANATOMICAL STUDIES OF VISUAL DEPRIVATION	92,893
NS10968-01	FERRENDELLI, JAMES A	THE ROLE OF CYCLIC GMP IN NERVOUS TISSUE	71,455
NS11002-01	FINGER, STANLEY	SERIAL SURGERY AND TACTILE RECOVERY OF FUNCTION	24,185
AM17469-01	HAHN, BEVRA H	SLE AND DRUG INDUCED LE: PATHOGENESIS AND THERAPY	44,874
LM01988-01	HALL, THOMAS S	ASSESSMENT OF MEDICAL INFLUENCE OF DESCARTES	29,994
HL16853-01	HENRY, PHILIP D	THE CONTRACTILE APPARATUS IN CARDIAC HYPERTROPHY	30,000
DE03890-01	KEUDELL, KENNETH C	ENZYMES OF MICROBIAL ISOLATES FROM INFECTED PULP CANALS	8,107
GM20758-01	MATSCHINSKY, FRANZ M	STUDIES WITH PROSTAGLANDIN DEHYDROGENASE	34,293
NS11277-01	NELSON, JAMES S	PATHOGENESIS OF NUTRITIONAL BRAIN INJURY	67,010
CA16436-01	OGURA, JOSEPH H	NATIONAL STUDY OF CANCER OF THE HEAD AND NECK	50,791
NS11699-01	PURVES, DALE	LONG-TERM CHANGES IN NEURONS	55,014
AI11377-01	SCHLESINGER, SONDRA	STRUCTURE AND REPLICATION OF ENVELOPED RNA VIRUSES	25,234
GM21096-01	SLY, WILLIAM S	ENZYME THERAPY IN LYSOSOMAL STORAGE DISEASES	328,467
HD07562-01	SMITH, CARL H	PLACENTAL MECHANISMS OF AMINO ACID TRANSFER	34,573
AM16854-01	SWEET, FREDERICK	ROLE OF STEROIDS IN REGULATION OF REPRODUCTION	15,929
HD07706-01	VANDERPLAS, JAMES M	INCREMENTAL COGNITIVE FUNCTIONS IN AGING	47,500
INSTITUTION TOTAL	18	1,013,377	
CITY TOTAL	25	1,243,055	
STATE TOTAL	36	1,578,898	
MONTANA			
MISSOULA			
STELLA DUNCAN MEMORIAL INSTITUTE			
CA15865-01	LARSON, CARL L	INHIBITION OF MELANOMAS BY CELL WALLS AND LIPIDS	13,480
INSTITUTION TOTAL	1	13,480	
UNIVERSITY OF MONTANA			
CA16315-01	WATSON, KENNETH F	CHARACTERIZATION OF RNA TUMOR VIRUS DNA POLYMERASES	74,299
INSTITUTION TOTAL	1	74,299	
CITY TOTAL	2	87,779	
STATE TOTAL	2	87,779	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
ES00939-01	ANGLE, CAROL R	STUDY OF LEAD IN CHILDREN'S BLOOD	33,988

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
CA16279-01	HEIDRICK, MARGARET L	CYCLIC AMP LEVELS IN TUMOR CELLS	21,112
EY00827-01	RECORDS, RAYMOND E	NEOVASCULAR MACULAR DISEASE: PATHOGENESIS AND THERAPY	40,109
AM17226-01	RUEGAMER, WILLIAM R	GROWTH FACTOR FROM PLEROCERCOIDS OF S. MANSONOIDES	14,612
HL16912-01	WILLINGHAM, ALLAN K	THE ROLE OF VITAMIN K IN PROTHROMBIN BIOSYNTHESIS	28,958
INSTITUTION TOTAL	5	138,779	
CITY TOTAL	5	138,779	
STATE TOTAL	5	138,779	
NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE			
AI11318-01	GREEN, DONALD M	EARLY EXTRACELLULAR EVENTS IN DNA INFECTION	33,100
INSTITUTION TOTAL	1	33,100	
CITY TOTAL	1	33,100	
HANOVER			
DARTMOUTH COLLEGE			
AM17642-01	EDWARDS, BRIAN R	CORRELATION OF NA AND CA TRANSPORT IN RENAL TUBULES	86,314
RR00801-01	KRUEGER, PHILIP G	IMPROVEMENT OF GILMAN ANIMAL CARE FACILITIES	3,100
CA16128-01	MC INTYRE, O ROSS	INTERFERON AND THE IMMUNE RESPONSE IN CANCER PATIENTS	120,710
HL16841-01	SHARP, JOHN J	THE INTERACTION OF BLOOD PLATELET MEMBRANE AND FIBRIN	22,697
INSTITUTION TOTAL	4	232,821	
CITY TOTAL	4	232,821	
STATE TOTAL	5	265,921	
NEW JERSEY			
JERSEY CITY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--NEW JERSEY DENTAL SCHOOL			
DE03872-01	BARNETT, MICHAEL L	ROLE OF MAST CELL IN GINGIVAL AND PERIODONTAL LESIONS	7,500
DE03867-01	SHOVLIN, FRANCIS E	UPTAKE OF HYDROXYAPATITE PHOSPHORUS BY ORAL BACTERIA	22,684
INSTITUTION TOTAL	2	30,184	
CITY TOTAL	2	30,184	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
AI12090-01	GOTTLIEB, A ARTHUR	CHARACTERIZATION OF "TRANSFER FACTOR"	37,052
GM20861-01	OLSON, WILMA A	NUCLEIC ACID CONFORMATION AND PROPERTIES	11,497
AM16412-01	SCHUGAR, HARVEY J	BIOINORGANIC AND MEDICAL ASPECTS OF CU-CYSTINATE	14,759
INSTITUTION TOTAL	3	63,308	
CITY TOTAL	3	63,308	
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--NEW JERSEY MEDICAL SCHOOL			
EY01156-01A1	FU, S JOSEPH	PROGRESSION OF CATARACTOGENESIS AND POSSIBLE REVERSAL	43,204
NS11259-01A1	INGOGLIA, NICHOLAS A	RNA TRANSPORT IN NORMAL AND REGENERATING NERVES	34,683
AM16070-01A1	KUMAR, SURIENDER	MECHANISM OF CONTROL OF FATTY ACID SYNTHESIS	22,215
CA16274-01	LEA, MICHAEL A	NON-HISTONE CHROMOSOMAL PROTEINS AND HEPATOMA GROWTH	22,581
HL16535-01	LEEVY, CARROLL M	ESTIMATION OF PORTAL BLOOD FLOW	92,099
ES00888-01	LOURIA, DONALD B	INFLUENCE OF TRACE METALS ON EXPERIMENTAL INFECTIONS	28,678
INSTITUTION TOTAL	6	243,460	
RUTGERS UNIVERSITY			
GM19338-01A2	JORDAN, FRANK	TOTAL APPROACH TO NUCLEOSIDE CONFORMATIONAL ANALYSIS	49,968
INSTITUTION TOTAL	1	49,968	
CITY TOTAL	7	293,428	
PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
GM21712-01	GHOSH, BIJAN K	PHYSIOLOGICAL ROLE OF MEMBRANE BOUND ALKALINE PHOSPHATES	17,362
NS10922-01	KRAUTHAMER, GEORGE M	CENTRAL MECHANISMS OF VISCERAL AND SOMATIC PAIN	51,481
AM16833-01	MALAMED, SASHA	ADRENAL CELLS IN VITRO: ULTRASTRUCTURE AND STEROIDS	17,351
NS11252-01	WOLFF, DONALD J	FUNCTION OF A BRAIN CALCIUM-BINDING PROTEIN	26,739
INSTITUTION TOTAL	4	112,933	
CITY TOTAL	4	112,933	
PRINCETON			
PRINCETON UNIVERSITY			
GM20289-01	PAVLIDIS, THEODOSIOS	MATHEMATICAL STUDY OF CIRCADIAN RHYTHMS	53,695
INSTITUTION TOTAL	1	53,695	
CITY TOTAL	1	53,695	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
SKILLMAN			
NEW JERSEY STATE DEPARTMENT OF INSTITUTIONS AND AGENCIES--NEW JERSEY NEUROPSYCHIATRIC INSTITUTE			
HD07770-01	RABE, AUSMA	EVALUATION OF AN ANIMAL MODEL FOR MENTAL DEFICIENCY	5,000
NS10409-01A1	RABE, AUSMA	BEHAVIORAL ROLE OF THE CEREBELLUM	37,679
INSTITUTION TOTAL	2	42,679	
CITY TOTAL	2	42,679	
TEANECK			
FAIRLEIGH DICKINSON UNIVERSITY			
AM17267-01	TOMASELLI, VINCENT P	FAR-INFRARED INVESTIGATION OF COLLAGEN	30,500
INSTITUTION TOTAL	1	30,500	
CITY TOTAL	1	30,500	
STATE TOTAL	20	626,727	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
CA14495-01A1	ALLEN, FRITZ S	BASE SITES OF ANTITUMOR ANTIBIOTIC DNA BINDINGS BY CD	41,738
CA15593-01	ANDERSON, ROBERT E	COMPUTER-ASSISTED ANALYSIS OF IRRADIATED LYMPHOCYTES	31,765
RR00718-01	DAY, PHILLIP W	SUPPORT FOR ANIMAL-CARE FACILITY	21,872
AM17641-01	GARDNER, KENNETH D, JR	COMPARATIVE STUDY OF RENAL CYSTIC DISEASES	89,997
HL16179-01A1	HURWITZ, LEON	ACTION OF VASCULAR AND OTHER SMOOTH MUSCLE INHIBITORS	37,900
CA16127-01	KLIGERMAN, MORTON M	STUDY OF PION RADIOTHERAPY	1,224,528
CA14771-01A1	KLINGLER, EUGENE L, JR	RADIATION NEPHRITIS IN A NONHUMAN PRIMATE	49,127
HL16796-01	SCALLEN, TERENCE J	CHOLESTEROL REGULATION BY HMG-COA REDUCTASE	38,025
HL17179-01	VAN EPPS, DENNIS E	IMMUNOGLOBULIN INHIBITOR OF LEUKOCYTE CHEMOTAXIS	22,700
DE03897-01	WATERMAN, ROBERT E	STUDIES OF HUMAN SECONDARY PALATE FORMATION	57,300
INSTITUTION TOTAL	10	1,614,952	
CITY TOTAL	10	1,614,952	
UNIVERSITY PARK			
NEW MEXICO STATE UNIVERSITY			
GM20449-01	VILLA, VICENTE D	RIBOSOME-MEMBRANE INTERACTION IN MITOCHONDRIA	20,070
INSTITUTION TOTAL	1	20,070	
CITY TOTAL	1	20,070	
STATE TOTAL	11	1,635,022	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
HD07700-01	JANERICH, DWIGHT T	HALF-SIB STUDY OF ANENCEPHALY AND SPINA BIFIDA	17,495
HL15887-01A1	LAWSON, WILLIAM B	ENZYMES OF BLOOD COAGULATION AND FIBRINOLYSIS	30,919
CA16270-01	MURPHY, GERALD P	NATIONAL PROSTATIC CANCER PROJECT WORKSHOP	25,222
GM20878-01	VANDERLINDE, RAYMOND E	OPTIMIZED INTERLABORATORY ENZYME ASSAYS: LDH, ASPAT	59,774
INSTITUTION TOTAL	4	133,410	
STATE UNIVERSITY OF NEW YORK AT ALBANY			
GM20582-01	IZZARD, COLIN S	CONTROL OF CALCIUM LEVELS IN FIBROBLAST MOTILITY	26,000
HD07390-01	SAUNDERS, JOHN W, JR	CONTROL OF LIMB DEVELOPMENT AND DEFORMITY	53,352
INSTITUTION TOTAL	2	79,352	
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
AI11913-01	CALIGUIRI, LAWRENCE A	SYNTHESIS AND REGULATION OF VIRAL RNA	119,810
HL16403-01	DOYLE, JOSEPH T	PROGNOSTICATION BY COMPUTER-ANALYZED VECTORCARDIOGRAM	33,992
AM16931-01	FURTH, EUGENE D	THYROID STIMULATORS AND THYROID CYCLIC NUCLEOTIDES	23,265
ES01071-01	LEE, KYU T	CONFERENCE ON TOXICITY OF ENVIRONMENTAL CHEMICALS	7,445
EY01047-01A1	LEE, PEI-FEI	STUDY OF LASER-BASED SURGICAL PROCEDURE FOR GLAUCOMA	42,298
AI11877-01	MC SHARRY, JAMES J	BIOCHEMICAL ANALYSIS OF VIRAL ENVELOPE PROTEINS	11,135
CA16011-01	SABA, THOMAS M	OPSONIC AND PHAGOCYTIC ACTIVITY DURING TUMOR GROWTH	45,055
INSTITUTION TOTAL	7	283,000	
CITY TOTAL	13	495,762	
BINGHAMTON			
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON			
GM20347-01A1	ALPER, HOWARD	HETEROCYCLIC COMPOUNDS OF POTENTIAL BIOLOGICAL UTILITY	17,707
AM15292-01A1	KULL, FREDRICK J	RNA-IODO-PROTEINACEOUS COMPLEXES OF THYROID	18,990
ES00807-01	SHRIFT, ALEX	SELENIUM TOXICITY: ROLE OF METHIONYL-TRNA SYNTHETASES	27,447
NS10513-01A1	STARZAK, MICHAEL E	MODULATED PHASE FLUOROMETRY FOR NERVE IONIC EFFECTS	30,000
NS11676-01	STARZAK, MICHAEL E	TIME DEPENDENT PHENOMENA IN CLAMPED EXCITABLE MEMBRANES	56,557
INSTITUTION TOTAL	5	150,701	
CITY TOTAL	5	150,701	
BRIARCLIFF MANOR			
BRIARCLIFF COLLEGE			
HD08242-01	RUFF, HOLLY A	THE EARLY DEVELOPMENT OF HUMAN PATTERN PERCEPTION	16,297
INSTITUTION TOTAL	1	16,297	
CITY TOTAL	1	16,297	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
BROCKPORT			
STATE UNIVERSITY OF NEW YORK--COLLEGE AT BROCKPORT			
LM02189-01	BLANCO, RICHARD L	WELLINGTON'S SURGEON-GENERAL: SIR JAMES MC GRIGOR	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
BUFFALO			
CHILDREN'S HOSPITAL			
HD08928-01	KUNDU, NAKULESWAR	FETAL HEALTH AND ESTETROL PRODUCTION	16,666
AM17050-01A1	OGRA, PEARAY L	ARTHRITIS AND RUBELLA VIRUS INFECTION	63,760
INSTITUTION TOTAL	2	80,426	
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA14854-01A1	ALLEN, HOWARD J	STUDIES ON CANCER CELL SURFACE GLYCOPROTEINS	91,530
CA15980-01	BOURKE, ROBERT S	TREATMENT OF MALIGNANT DISEASE OF BRAIN	166,975
CA15362-01	LIBBY, PAUL R	POLYAMINE METABOLISM IN MAMMARY CANCER	33,669
RR00754-01	PARSONS, DONALD F	IMPROVEMENT OF EM SCANNING AND IMAGING	111,214
AI12100-01	ROHOLT, OLIVER A	BINDING SITES OF MYELOMA PROTEINS AND ANTIBODIES	20,334
CA14058-01A2	WEBSTER, JOHN H	RADIATION THERAPY ONCOLOGY GROUP	25,776
CA16347-01	WEINFELD, HERBERT	REGULATION OF SURVIVAL OF ULTRAVIOLET-IRRADIATED E.COLI	45,947
NS11356-01	WENNER, CHARLES E	PURIFYING & RECONSTITUTING ACETYLCHOLINE RECEPTORS	27,652
NS10799-01	WEST, CHARLES R	CEREBRAL CORTICAL EDEMA IN ARTERIOVASCULAR STROKE	47,209
INSTITUTION TOTAL	9	570,306	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
HD07328-01	DANIELLI, JAMES F	EXPERIMENTAL & THEORETICAL STUDIES OF CELL SENESCENCE	64,899
DE03841-01	ELLISON, SOLON A	HOST RESPONSE IN DENTAL DISEASE	259,826
GM20889-01	MEISLER, MIRIAM H	GENETIC REGULATION OF BETA-GALACTOSIDASE	55,600
AM16593-01	PROVOST, THOMAS T	COMPLEMENT ACTIVATION VIA THE C3 SHUNT IN SKIN DISEASE	15,996
INSTITUTION TOTAL	4	396,321	
STATE UNIVERSITY OF NEW YORK--COLLEGE AT BUFFALO			
HD07551-01	WAGNER, MAZIE E	CHILD SPACING AND FAMILY SIZE IN POPULATION PLANNING	29,778
INSTITUTION TOTAL	1	29,778	
CITY TOTAL	16	1,076,831	
COLD SPRING HARB			
COLD SPRING HARBOR LABORATORY OF QUANTITATIVE BIOLOGY			
CA16224-01	POLLACK, ROBERT E	SELECTED COLD SPRING HARBOR SUMMER WORKSHOPS	62,400

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	62,400	
CITY TOTAL	1	62,400	
NEW YORK			
EAST MEADOW			
NASSAU COUNTY MEDICAL CENTER			
AM16649-01A1	MADDAIAH, V T	MECHANISM OF ACTION OF GROWTH HORMONE	5,900
INSTITUTION TOTAL	1	5,900	
CITY TOTAL	1	5,900	
GARDEN CITY			
ADELPHI UNIVERSITY			
HD08746-01	HAMPTON, JOHN K, JR	MATERNAL RESPONSE TO THE "FETAL ALLOGRAFT"	13,660
INSTITUTION TOTAL	1	13,660	
CITY TOTAL	1	13,660	
ITHACA			
CORNELL UNIVERSITY			
HD07720-01	BLACKLER, ANTONIE W	ORGANIZATION OF THE AMPHIBIAN EGG	22,077
RR00885-01A1	SCOTT, FREDRIC W	DEVELOPMENT OF HERPES VIRUS VACCINES	28,476
GM19716-01	SCOTT, NORMAN R	STUDY ON THERMOREGULATION	19,570
AM17009-01	STEVENSON, JAMES F	PERMEABILITY MEASUREMENTS FOR HOLLOW FIBER MEMBRANES	13,695
HD08246-01	SUCI, GEORGE J	COGNITIVE-SEMANTIC BASES FOR EARLY LANGUAGE	16,227
INSTITUTION TOTAL	5	100,045	
CITY TOTAL	5	100,045	
NEW YORK			
AMERICAN HEALTH FOUNDATION			
CA16382-01	WYNDER, ERNEST L	METABOLIC EPIDEMIOLOGY OF COLON CANCER	111,150
INSTITUTION TOTAL	1	111,150	
CATHOLIC MEDICAL CENTER OF BROOKLYN AND QUEENS			
CA14768-01A1	FUGMANN, RUTH A	IMMUNOLOGICAL PARAMETERS OF SPONTANEOUS MURINE CANCER	121,257
INSTITUTION TOTAL	1	121,257	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CENTER FOR POLICY RESEARCH			
HD08112-01	BEAVER, STEVEN E	SOCIOECONOMIC DETERMINANTS OF U S POST-WAR NATALITY	17,763
HD08497-01	GURAK, DOUGLAS T	FERTILITY AND ASSIMILATION OF THE FOREIGN BORN	41,153
INSTITUTION TOTAL	2	58,916	
CITY UNIVERSITY OF NEW YORK--BROOKLYN COLLEGE			
AI12058-01	SCHUSTER, FREDERICK L	CYTOPATHOLOGY INDUCED BY NAEGLERIA INFECTIOUS AGENT	16,920
INSTITUTION TOTAL	1	16,920	
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK			
HD06040-01A1	THAU, FREDERICK E	MODERN CONTROL THEORY APPLIED TO POPULATION CONTROL	42,763
INSTITUTION TOTAL	1	42,763	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
AM16928-01	BRODSKY, WILLIAM A	RENAL TRANSPORT MECHANISMS	55,588
CA16065-01	CHANG, WILLIAM W	CHEMICAL CARCINOGENESIS IN MURINE COLON	71,491
CA15936-01	HOLLAND, JAMES F	SPECIALIZED CANCER CENTER	957,982
ES00797-01	LANGER, ARTHUR M	INORGANIC PARTICLES IN CIGARETTES AND CIGARETTE SMOKE	35,327
GM19271-01	LI, HENG-CHUN	STUDIES ON THE AMIDE TRANSFERASES	25,546
NS11018-01	ORLOWSKI, MARIAN	GAMMA-GLUTAMYL CYCLE IN TRANSPORT OF AMINO ACID IN BRAIN	113,704
AI11823-01A1	PALESE, PETER	STUDIES WITH SYNTHETIC NEURAMINIDASE SUBSTRATES	38,104
AM17273-01	PERTSEMLIDIS, DEMETRIUS	HUMAN BILE ACID METABOLISM AND CHOLESTEROL GALLSTONES	37,477
AM17529-01	WEINREB, NEAL J	BIOCHEMICAL AND CLINICAL STUDIES IN GAUCHER'S DISEASE	34,373
INSTITUTION TOTAL	9	1,369,592	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE			
HD07360-01	CAIRNS, HELEN S	STUDY OF COMMUNICATIVE COMPETENCE OF THE CHILD	6,885
INSTITUTION TOTAL	1	6,885	
COLUMBIA UNIVERSITY			
AM16409-01	BRADLEY, STANLEY E	INTRARENAL HETEROGENEITIES IN SHORT-NEPHRON DISORDER	54,130
HL16851-01	CHIEN, SHU	HUMAN RED CELL MEMBRANE IN HEALTH AND DISEASE	244,943
GM21352-01	COLE, PATRICIA E	RNA CONFORMATION AND PROTEIN - RNA RECOGNITION	60,000
EY01218-01	COLEMAN, JACKSON D	ULTRASONIC EVALUATION OF OCULAR TISSUES	49,360
NS10722-01A1	GOLD, ALLEN M	CALCIUM TRANSPORT IN THE SARCOPLASMIC RETICULUM	64,596
HL16601-01	GREER, JONATHAN	STRUCTURE AND FUNCTION OF BLOOD PROTEINS	28,489
AM17634-01	HEMBREE, WYLIE C, III	ENDOCRINE ASPECTS OF PEPTIDE HORMONE METABOLISM	28,500
AM16735-01	HEMBREE, WYLIE C, III	TRITIATED PEPTIDES/PROTEINS IN ENDOCRINE BIOCHEMISTRY	75,770

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
AI11470-01	ROSENKRANZ, HERBERT S	ROLE OF RNA IN DNA VIRUSES	22,245
NS11766-01	ROWLAND, LEWIS P	CLINICAL RESEARCH CENTER FOR NEUROMUSCULAR DISEASE	356,703
NS10575-01	RUDEL, RITA G	NEUROPSYCHOLOGICAL STUDY OF CHILDREN WITH BRAIN DAMAGE	52,102
AI12132-01	SRINIVASAN, P R	REGULATION OF TRANSCRIPTION IN VIRUS INFECTED CELLS	39,703
INSTITUTION TOTAL	12	1,076,541	
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK			
AM17741-01	REDMAN, COLVIN M	EFFECT OF ANTIMICROTUBULAR AGENTS ON SECRETION	79,752
INSTITUTION TOTAL	1	79,752	
CORNELL UNIVERSITY MEDICAL COLLEGE			
NS11666-01	BLACK, IRA B	GENETICS OF NEURONAL GROWTH AND DEVELOPMENT	43,043
CA15973-01	DANES, BETTY S	GENETIC STUDIES OF HERITABLE COLORECTAL CANCER	53,671
GM19198-01	DIETZ, GEORGE W	ACTIVE TRANSPORT MECHANISMS IN NORMAL AND TUMOR CELLS	30,220
HL16672-01	HARPEL, PETER C	COAGULATION INHIBITORS: FUNCTION AND STRUCTURE	77,810
ES00675-01	HARSANYI, ZSOLT P	DRUG AND CHEMICALLY INDUCED CHROMOSOMAL ABERRATIONS	24,826
HD07965-01	KRAUSS, ALFRED N	RESPIRATORY CHEMOSENSITIVITY DURING SLEEP IN INFANCY	106,523
GM20091-01A1	LEVI, ROBERTO	CARDIAC DYSFUNCTIONS CAUSED BY HISTAMINE RELEASE	68,609
NS10270-01A1	SIRLIN, JULIO L	MOLECULAR CORRELATES OF BEHAVIOR	65,975
AI11694-01A1	SISKIND, GREGORY W	STUDIES ON ANTIBODY AFFINITY AT THE CELLULAR LEVEL	111,780
AI10172-01A1	WOODRUFF, JACK F	IMMUNOBIOLOGY OF VIRUS-LYMPHOCYTE INTERACTIONS	50,064
INSTITUTION TOTAL	10	632,521	
FORDHAM UNIVERSITY			
NS10845-01	AIELLO, EDWARD L	PHYSIOLOGY AND PHARMACOLOGY OF CILIATED EPITHELIUM	29,701
INSTITUTION TOTAL	1	29,701	
HOSPITAL FOR JOINT DISEASES AND MEDICAL CENTER			
CA14987-01A1	STEVENS, JOHN J	MECHANISM OF CORTISOL-INDUCED LYMPHOMA REGRESSION	74,999
INSTITUTION TOTAL	1	74,999	
HOSPITAL FOR SPECIAL SURGERY			
AM17408-01	WALKER, PETER S	LAXITY IN NORMAL, ARTHRITIC AND PROSTHETIC KNEE JOINTS	47,270
INSTITUTION TOTAL	1	47,270	
MONTEFIORE HOSPITAL AND MEDICAL CENTER			
EY01103-01A2	BELLHORN, ROY W	VASCULAR ROLE IN EXPERIMENTAL RETINOPATHIES	62,783

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
MONTEFIORE HOSPITAL AND MEDICAL CENTER			
CA15318-01A1	LALEZARI, PARVIZ	NEUTROPHIL-SPECIFIC ANTIGENS: BIOLOGY AND CHEMISTRY	68,962
HL16387-01	SPAET, THEODORE H	THE BLOOD VESSEL AND THROMBOGENESIS	253,980
HL16476-01	VEITH, FRANK J	STUDIES OF EXPERIMENTAL LUNG TRANSPLANTATION	173,300
INSTITUTION TOTAL	4	559,025	
NEW YORK ACADEMY OF SCIENCES			
GM21477-01	SOIFER, DAVID	THE BIOLOGY OF CYTOPLASMIC MICROTUBULES	8,000
INSTITUTION TOTAL	1	8,000	
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--HEALTH DEPARTMENT			
NS10966-01	RUBINSON, KALMAN	CONNECTIONS OF IDENTIFIABLE NEURONS DURING MATURATION	42,061
GM19693-01	SMITH, ISSAR	REGULATORY MECHANISMS IN RIBOSOME BIOSYNTHESIS	25,300
INSTITUTION TOTAL	2	67,361	
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC HEALTH RESEARCH INSTITUTE OF CITY OF N Y			
AI11614-01A1	ROCHOVANSKY, OLGA M	INFLUENZA VIRAL RNA AND PROTEIN SYNTHESIS IN VITRO	38,124
INSTITUTION TOTAL	1	38,124	
NEW YORK MEDICAL COLLEGE			
HL16955-01	DANISHEFSKY, ISIDORE	HEPARIN, BLOOD COAGULATION AND LIPID METABOLISM	36,550
EY01313-01	SOUTHREN, A LOUIS	CORTISOL METABOLISM IN GLAUCOMA AND CATARACT	92,578
INSTITUTION TOTAL	2	129,128	
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--NEW YORK STATE PSYCHIATRIC INSTITUTE			
NS11048-01A1	BARKAI, AMIRAM I	SLEEP BEHAVIOR AND TURNOVER OF BIOGENIC AMINES	40,501
INSTITUTION TOTAL	1	40,501	
NEW YORK UNIVERSITY			
AI11103-01	BAER, RUDOLF L	NONIMMUNOGENIC UNCONJUGATED SIMPLE CHEMICAL TOLEROGENS	25,000
CA15659-01	BECKER, FREDERICK F	CELLULAR EVENTS IN CHEMICAL CARCINOGENESIS	58,007
CA16319-01	CHAMBERS, ROBERT W	EXAMINING SPECIFIC CHEMICAL CHANGES IN VIRAL DNA	76,894
EY01297-01	CHIARANDINI, DANTE J	PHYSIOLOGY AND PHARMACOLOGY OF EXTRAOCULAR MUSCLES	33,078
HL17136-01	EAGLETON, LANIE E	ISOPROTERENOL BINDING TO LYMPHOCYTES OF ASTHMATICS	30,000
DE03909-01	FLON, HELEN	ULTRASTRUCTURE OF MUCOUS SECRETING SALIVARY GLANDS	9,650
HL16412-01	FOX, ARTHUR C	ADENOSINE AND THE REGULATION OF CORONARY FLOW	40,045
HD07719-01	FRANKLIN, EDWARD C	IMMUNOLOGIC STUDIES OF AMYLOID ACCOMPANYING AGING	9,778

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
NEW YORK UNIVERSITY			
AI12185-01	GOLDSTEIN, GIDEON	THYMIN INDUCTION OF T CELL DIFFERENTIATION	37,953
HL16290-01A1	IMPARATO, ANTHONY M	INTIMAL FIBROPLASIA AFTER ARTERIAL RECONSTRUCTION	35,000
CA15938-01	NEWALL, JOSEPH	RADIATION THERAPY ONCOLOGY GROUP	15,172
ES00552-01A1	PALMES, EDWARD D	MOUSE POPULATIONS AS TEST SYSTEMS IN TOXICOLOGY	65,500
GM20228-01	WOLFF, B BERTHOLD	STUDY OF RELIEF OF HUMAN LABORATORY-INDUCED PAIN	57,000
INSTITUTION TOTAL	13	493,077	
RIVERSIDE RESEARCH INSTITUTE			
EY01212-01	LIZZI, FREDERIC L	ULTRASONIC EVALUATION OF OCULAR TISSUES	48,938
INSTITUTION TOTAL	1	48,938	
ROCKEFELLER UNIVERSITY			
GM21060-01	CHUA, NAM-HAI	MEMBRANE-BOUND RIBOSOMES IN CHLOROPLASTS AND BACTERIA	30,160
HL16507-01	GILULA, NORTON B	HEART CELL INTERACTIONS AND CELL JUNCTION BIOGENESIS	102,124
ES01055-01	KAPPAS, ATTALLAH	LEAD AND PCBS: PHARMACOLOGIC AND TOXICOLOGIC STUDIES	87,950
AI12141-01	MANNING, JAMES M	ANTIBACTERIAL ACTION OF BETA-HALOAMINO ACIDS	21,753
GM20729-01	MAUZERALL, DAVID	PHOTOBIOLOGICAL SYSTEMS AND MEMBRANE INTERFACES	38,000
AM16860-01A1	STERN, JUDITH S	PHYSICAL ACTIVITY, CARBOHYDRATE METABOLISM AND OBESITY	47,942
INSTITUTION TOTAL	6	327,929	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
AI12251-01	CLICK, ROBERT E	CELLULAR & MOLECULAR ASPECTS OF IMMUNE RESPONSES	28,800
CA16178-01	KIM, J H	IN VITRO THERMAL ENHANCEMENT OF RADIOSENSITIVITY	10,200
HD08957-01	KIM, YOON B	ONTOGENY OF THE HUMORAL AND CELLULAR IMMUNE RESPONSE	36,000
CA15205-01	MARQUARDT, HANS W	HYDROCARBON-INDUCED MALIGNANT TRANSFORMATION IN VITRO	29,010
CA16153-01	SIROTNAK, FRANCIS M	BASIC APPROACHS TO IMPROVED ANTIFOLATE CANCER THERAPY	68,975
CA15169-01	SKIPSKI, VLADIMIR P	NEOPROTEOLIPIDS ASSOCIATED WITH MALIGNANT TUMORS	32,603
CA15773-01	SONENBERG, MARTIN	HORMONE-MEMBRANE INTERACTION IN NEOPLASIA	114,295
CA16168-01	STACKPOLE, CHRISTOPHER W	CELL SURFACE ALTERATIONS DURING ANTIGENIC MODULATION	60,866
CA15928-01	YOUNG, CHARLES W	STUDIES ON THE PATHOPHYSIOLOGY OF HODGKIN'S DISEASE	51,655
INSTITUTION TOTAL	9	432,404	
ST. LUKE'S HOSPITAL CENTER			
HL16307-01	CASE, ROBERT B	CONTROL OF CORONARY FLOW BY PCO2	25,000
AM17685-01	CLARK, SUSANNE B	MECHANISMS OF CHYLOMICRON CHOLESTEROL HOMEOSTASIS	42,460
AM17624-01	VAN ITALLIE, THEODORE B	OBESITY CENTER	255,297
AM17259-01A1	VAN ITALLIE, THEODORE B	BODY NUTRIENT RESERVES AND FEEDING BEHAVIOR	40,035
INSTITUTION TOTAL	4	362,792	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
ST. VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK			
CA15511-01	SCHWARZ, GEORGE	RADIOTHERAPY PLANNING BASED ON CELL KINETICS	44,553
INSTITUTION TOTAL 1		44,553	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
HL16596-01	DREIZEN, PAUL	STRUCTURE AND FUNCTION OF CARDIAC MYOSIN	34,590
NS12031-01	GOOTMAN, PHYLLIS M	FUNCTIONAL ORGANIZATION OF CNS VASOMOTOR SYSTEM	62,632
NS11713-01	HALPERN, MIMI N	FUNCTIONAL STUDIES OF THE VOMERONASAL SYSTEM	24,006
CA14874-01A1	KAUFFMAN, SHIRLEY L	PULMONARY CARCINOGENESIS IN FETAL AND NEONATAL LUNG	25,500
CA15233-01	PARSA, ISMAIL	AN IN VITRO MODEL OF CARCINOGENESIS OF PANCREAS	27,972
INSTITUTION TOTAL 5		174,700	
YESHIVA UNIVERSITY			
GM21217-01	BLAUFOX, MORTON D	IMPROVED RADIOPHARMACEUTICALS FOR RENAL STUDIES	77,742
HL16746-01	BOROWITZ, IRVING J	THE DESIGN OF ION SELECTIVE MOLECULES	28,440
CA16054-01	BREWER, CURTIS F	NMR STUDIES OF SACCHARIDE BINDING TO CONCANAVALIN A	69,713
HL15118-01	DALY, MARIE M	AORTIC METABOLISM IN GROWTH AND HYPERTROPHY	34,229
NS10931-01	LEDEEN, ROBERT W	STUDY OF BRAIN GLYCOLIPIDS IN SLOW VIRUS INFECTIONS	39,131
AM17622-01	LOWY, BERTRAM A	ROLE OF LIVER IN ERYTHROCYTE NUCLEOTIDE SYNTHESIS	55,760
EY00873-01A1	MAKMAN, MAYNARD H	ROLE OF CYCLIC AMP IN LENS MATURATION AND DISEASE	25,880
AM17609-01	SHAFRITZ, DAVID A	PROTEIN SYNTHESIS IN NORMAL AND REGENERATING LIVER	57,370
GM21014-01	SHIN, SEUNG-IL	MOLECULAR GENETICS OF SOMATIC CELL MUTATION	54,968
CA16368-01	SKOULTCHI, ARTHUR I	CONTROL OF DIFFERENTIATION OF ERYTHROLEUKEMIC CELLS	40,117
ES00690-01	SPITZER, ADRIAN	EFFECT OF LEAD POISONING ON KIDNEY FUNCTION	17,500
HL16354-01	YELLIN, EDWARD L	HEMODYNAMIC EFFECTS OF AORTIC BALLOON PUMPING	65,136
INSTITUTION TOTAL 12		565,986	
CITY TOTAL 104		6,960,785	
OSWEGO			
STATE UNIVERSITY OF NEW YORK--COLLEGE AT OSWEGO			
AI12057-01	NAPPI, ANTHONY J	INSECT IMMUNITY, A MODEL SYSTEM FOR CELLULAR ACTIVITY	11,826
INSTITUTION TOTAL 1		11,826	
CITY TOTAL 1		11,826	
PURCHASE			
STATE UNIVERSITY OF NEW YORK--COLLEGE AT PURCHASE			
NS11012-01	WOLF, GEORGE	NEURAL MECHANISMS OF A MODEL DRIVE SYSTEM	32,599
INSTITUTION TOTAL 1		32,599	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	32,599	
NEW YORK			
ROCHESTER			
EASTMAN DENTAL CENTER			
DE03713-01	HANDELMAN, STANLEY L	EFFECT OF FISSURE SEALANT ON PROGRESS OF DENTAL CARIES	34,348
INSTITUTION TOTAL	1	34,348	
UNIVERSITY OF ROCHESTER			
NS10117-01A1	BIGNALL, KEITH E	ONTOGENY OF NEURAL CONTROL OF BODILY FUNCTIONS	30,579
ES01059-01	CLARKSON, THOMAS W	METALLIC MERCURY VAPOR AS AN ENVIRONMENTAL HAZARD	128,528
GM21296-01	FISCHER, HARRY W	IMPROVED DETECTION AND VISUALIZATION OF COLON LESIONS	31,716
CA16269-01	FOELSCH, ECKARD O	METABOLISM AND UPTAKE OF REDUCED FOLIC ACID ANTAGONISTS	34,180
AM15776-01A1	GIBBS, FINLEY P	NEURAL PATHWAYS INVOLVED WITH ACTH SECRETION	11,681
HL16260-01	GRAMIAK, RAYMOND	DEVELOPMENT OF CLINICAL ULTRASOUND CINE CARDIOGRAPHY	142,686
HD08362-01	GROTA, LEE J	EFFECT OF STIMULATION ON HORMONES & CNS DEVELOPMENT	90,769
HL16784-01	HYDE, RICHARD W	LUNG TISSUE AND WATER VOLUME	181,746
GM20787-01	KEYES, JOHN W, JR	RADIONUCLIDE QUANTITATIVE SPATIAL IMAGING	57,383
AM17092-01A1	MENGUY, RENE	INFLUENCE OF STRESS ON GASTRIC MUCOSAL ENERGY METABOLISM	25,550
AM16936-01	MILLER, R PAUL	EFFECT OF SOMATOMEDIN ON CHONDROCYTES IN TISSUE CULTURE	32,454
AM17074-01	NEUMAN, WILLIAM F	THE ROLE OF BONE MEMBRANES IN CALCIUM REGULATION	105,488
NS10897-01	PENNEY, DAVID P	EFFECTS OF CHRONIC L-DOPA THERAPY ON ADRENALS AND GUT	36,643
GM20113-01	PERACCHIA, CAMILLO	STRUCTURE FUNCTION IN LOW RESISTANCE JUNCTIONS	22,129
HL17056-01	POWERS, MARJORIE J	IMPROVING PATIENT COMPLIANCE THROUGH NURSING ACTION	155,931
AM16366-01	SENIOR, ALAN E	A STUDY OF BINDING SITES ON THE MITOCHONDRIAL ATPASE	25,500
AM17571-01	SHAMOO, ADIL E	MOLECULAR MECHANISM OF ACTIVE TRANSPORT	32,040
AM16557-01	SORRENTINO, SANDY, JR	REGULATION OF GROWTH AND GROWTH HORMONE	27,007
HD07926-01	SORRENTINO, SANDY, JR	HUMAN FETAL NEUROENDOCRINOLOGY	17,076
AM15787-01A1	STOLL, RALPH W	EXTRAPANCREATIC SIGNIFICANCE OF PROINSULIN	36,405
CA16732-01	TURNER, MICHAEL D	GLYCOPROTEIN ANTIGENS IN EXPERIMENTAL LARGE BOWEL CANCER	41,125
INSTITUTION TOTAL	21	1,266,616	
CITY TOTAL	22	1,300,964	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
CA15474-01	ACKERMAN, LAUREN V	COLO-RECTAL PATHOLOGY REFERENCE CENTER	22,277
AI11506-01	CIRILLO, VINCENT P	PTS-MEDIATED SUGAR TRANSPORT IN MYCOPLASMAS	18,899
GM20803-01	HANSON, DAVID M	SPECTROSCOPIC INVESTIGATION OF CONFORMATIONAL CHANGES	25,000
CA15630-01	KEEGSTRA, KENNETH G	SURFACE GLYCOPEPTIDES OF NORMAL AND TRANFORMED CELLS	29,990
GM21315-01	RILEY, MONICA	MOLECULAR MECHANISM OF RECOMBINATION IN E. COLI	65,157
GM21316-01	RILEY, MONICA	EVOLUTION OF THE TRYPTOPHANASE GENE IN E. COLI	14,209

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
AM17258-01	SOKOLOFF, LEON	IN VITRO CULTURE OF ARTICULAR CHONDROCYTES	85,678
INSTITUTION TOTAL	7	261,210	
CITY TOTAL	7	261,210	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
ES00969-01	HAMERNIK, ROGER P	EFFECT OF COMBINED IMPULSE & CONTINUOUS NOISE ON HEARING	40,950
NS10576-01	KEATING, E GREGORY	DEFICITS & RECOVERY FROM NEOCORTICAL DISCONNECTION	51,158
NS10814-01A1	NORD, SAMUEL G	BULBAR TRIGEMINAL PAIN MECHANISMS	35,424
HL14076-01A2	STREETEN, DAVID H	ROLE OF KININS IN A NEW POSTURAL SYNDROME	58,856
INSTITUTION TOTAL	4	186,388	
SYRACUSE CANCER RESEARCH INSTITUTE			
CA13687-01A1	GOLD, JOSEPH	TREATMENT OF CANCER BY INHIBITION OF GLUCONEOGENESIS	37,700
INSTITUTION TOTAL	1	37,700	
SYRACUSE UNIVERSITY			
NS10917-01	HARTH, ERICH	DYNAMICS IN NEURAL POPULATIONS	54,772
GM21286-01	SULLIVAN, DAVID T	DEVELOPMENTAL REGULATION OF KYNURENINE HYDROXYLASE	66,365
INSTITUTION TOTAL	2	121,137	
CITY TOTAL	7	345,225	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
DE03728-01	HARPER, RICHARD A	MEASUREMENTS OF STRAIN IN BIOLOGICAL MINERAL APATITES	25,770
HD07160-01A1	MOSS, GERALD	NEONATAL CEREBRAL HYPOXIA IN HYALINE MEMBRANE DISEASE	30,060
INSTITUTION TOTAL	2	55,830	
CITY TOTAL	2	55,830	
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
HL16553-01	ATKINS, HAROLD L	DIAGNOSIS OF MYOCARDIAL INFARCTION BY RADIOISOTOPES	59,765
CA16316-01	ATKINS, HAROLD L	MELANOMA DETECTION WITH RADIOPHARMACEUTICALS	78,929
RR00657-01A1	WOLF, ALFRED P	A PROGRAM IN SUPPORT OF NUCLEAR MEDICINE	198,300
INSTITUTION TOTAL	3	336,994	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	336,994	
STATE TOTAL	191	11,230,029	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
CA15697-01	CHANEY, STEPHEN G	ALTERED RNA METABOLISM IN CHRONIC LYMPHOCYTIC LEUKEMIA	26,121
AM17743-01	COOPER, CARY W	CALCIUM, CALCEMIC HORMONES AND GASTRIN	51,250
ES00895-01	HODGSON, DEREK J	STRUCTURAL STUDIES IN TREATMENT OF METAL POISONING	23,132
NS10344-01A1	HOGAN, EDWARD L	MYELIN CONSTITUENTS IN MURINE LEUCODYSTROPHY	87,951
EY01391-01	HOLLINS, MARK	CAUSES AND TIME COURSE OF ACCOMMODATIVE MICROPSIA	14,718
HL16633-01	KINGDON, HENRY S	CHEMISTRY AND BIOLOGY OF FACTOR IX ACTIVATOR	57,753
HL16464-01	PIANTADOSI, CLAUDE	SYNTHESIS AND STUDY OF HYPOLIPIDEMIC AGENTS	44,205
DE03751-01	SCHWAB, JOHN H	BACTERIAL CELL WALLS IN PERIODONTAL DISEASE	76,043
CA15207-01	SWIFT, MICHAEL R	NEOPLASIA - PREDISPOSING GENES IN CELL CULTURE	51,274
AI11462-01	TWAROG, ROBERT	COMPARATIVE IMMUNOLOGY OF RELATED MORAXELLA PROTEINS	21,119
HD07708-01	TYAN, MARVIN L	STUDY OF CELL-MEDIATED IMMUNITY IN AGED ANIMALS	47,925
NS11268-01	WEAKLY, JAMES N	MECHANISM OF SPINAL SHOCK	34,171
INSTITUTION TOTAL	12	535,662	
CITY TOTAL	12	535,662	
DURHAM			
DUKE UNIVERSITY			
HL16438-01	BACHE, ROBERT J	THE CORONARY VASCULAR RESPONSE TO ISCHEMIA	70,797
GM20780-01	BALDWIN, STEVEN W	PHOTOCHEMICAL ANNELATIONS WITH A-FORMYL KETONES	42,675
GM20015-01	BELL, ROBERT M	REGULATION OF MEMBRANE PHOSPHOLIPID SYNTHESIS	28,515
CA15071-01	BOLOGNESI, DANI P	TRANSLATION PRODUCTS OF THE RNA TUMOR VIRUS GENOME	39,320
DE03817-01	CHESNUT, DONALD B	A SPIN LABEL STUDY OF TOOTH ENAMEL	10,223
CA16225-01	CHUANG, RONALD Y	RNA POLYMERASE FROM CHICKEN AND HUMAN LEUKEMIC CELLS	61,198
HL16711-01	EVANS, EVAN A	RBC AND ENDOTHELIAL MEMBRANE MATERIAL CHARACTERISTICS	27,235
HD07447-01	HANDWERGER, STUART	THE CHEMISTRY AND PHYSIOLOGY OF PLACENTAL LACTOGEN	41,957
AM16421-01	JONES, RAYFORD S	CONTROL OF DUCTULAR AND CANALICULAR BILE PRODUCTION	31,880
AM16971-01	KELLEY, WILLIAM N	SPECIFIC POLYSOME ISOLATION IN HUMAN CELLS	18,925
AM17786-01	KILLENBERG, PAUL G	ENZYMATIC BASIS OF BILE ACID CONJUGATION	32,926
AM16811-01	KIRSHNER, NORMAN	BIOGENESIS OF CATECHOLAMINE STORAGE VESICLES	50,340
CA14787-01	LEIS, JONATHAN P	TRANSCRIPTION AND TRANSLATION OF TUMOR VIRUS RNA	44,920
CA15093-01	MAHALEY, M S, JR	BRAIN TUMOR CHEMOTHERAPY SCREENING MODEL	38,713
AM17526-01	MANSBACH, CHARLES M	CHYLOMICRON LECITHIN: PATHWAYS OF ORIGIN IN INTESTINE	24,525
NS11051-01	MILLS, ELLIOTT	PHARMACOLOGY OF BRAINSTEM CARDIOVASCULAR CENTERS	60,085
INSTITUTION TOTAL	16	624,234	
CITY TOTAL	16	624,234	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
ELIZABETH CITY			
UNIVERSITY OF NORTH CAROLINA SYSTEM--ELIZABETH CITY STATE UNIVERSITY			
RR08087-01	KHAN, SEKENDER A	SUPPORT FOR STUDY OF BIOLOGICAL SCIENCES	100,718
INSTITUTION TOTAL 1		100,718	
CITY TOTAL 1		100,718	
WILMINGTON			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT WILMINGTON			
CA15917-01	LUNDEEN, CARL V	NITROGEN METABOLISM AND THE PLANT NEOPLASTIC STATE	29,270
INSTITUTION TOTAL 1		29,270	
CITY TOTAL 1		29,270	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
ES00839-01	ACTON, JEAN D	EFFECT OF NO2-INDUCED LESIONS IN LUNG MACROPHAGES	28,366
AM17855-01	LORENTZ, WILLIAM B, JR	MECHANISM OF CYCLIC AMP EFFECT ON RENAL TRANSPORT	34,729
HL16769-01	MYRVIK, QUENTIN N	PATHOBIOLOGIC AND HOST DEFENSE REACTIONS IN THE LUNG	152,318
INSTITUTION TOTAL 3		215,413	
CITY TOTAL 3		215,413	
STATE TOTAL 33		1,505,297	
NORTH DAKOTA			
BELCOURT			
TURTLE MOUNTAIN BAND OF CHIPPEWA TRIBAL COUNCIL			
RR08126-01	MONETTE, GERALD E	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	46,980
INSTITUTION TOTAL 1		46,980	
CITY TOTAL 1		46,980	
FARGO			
NORTH DAKOTA STATE UNIVERSITY			
HD08206-01	BEATTY, WILLIAM W	SEX DIFFERENCES IN INSTRUMENTAL BEHAVIOR	35,782
AM17007-01	TALLMAN, DENNIS E	RELAXATION KINETIC STUDIES OF METAL REQUIRING ENZYMES	22,000
INSTITUTION TOTAL 2		57,782	
CITY TOTAL 2		57,782	
STATE TOTAL 3		104,762	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER			
AM16398-01	PARTIN, JOHN C	LIPID COMPOSITION OF CULTURED HUMAN SKIN FIBROBLASTS	29,325
INSTITUTION TOTAL 1		29,325	
CHILDREN'S HOSPITAL MEDICAL CENTER--CHILDREN'S HOSPITAL			
AM16383-01	PARTIN, JOHN C	ROLE OF MICROVILLUS DENSE BODIES IN CALCIUM ABSORPTION	15,566
INSTITUTION TOTAL 1		15,566	
UNIVERSITY OF CINCINNATI			
AM16088-01	ALEXANDER, J WESLEY	SIGNIFICANCE OF INTRARENAL FLOW DURING PRESERVATION	38,870
HD06982-01	BLAHA, GORDON C	FUNCTIONAL AGE CHANGES IN FEMALE REPRODUCTIVE ORGANS	23,368
NS11313-01	FABER, DONALD S	NEURONAL INTERACTIONS AND ELECTROGENESIS	16,050
GM20910-01	KANESHIRO, EDNA S	MEMBRANE ALTERATIONS IN BEHAVIORAL MUTANTS	33,000
GM21281-01	LOPER, JOHN C	TRANSCRIPTION SIGNALS IN THE HISTIDINE OPERON	9,500
AI11516-01A1	LOPER, JOHN C	FRAMESHIFT MUTAGENESIS IN SALMONELLA TYPHIMURIUM	28,629
CA15344-01	MATTHEIS, E BINGHAM	PULMONARY METABOLISM OF BENZO(A)PYRENE	30,282
HD07769-01	PHAIR, JOHN P	HOST DEFENSES AND AUTO-IMMUNITY IN THE AGED	39,330
NS10867-01	SHUMRICK, DONALD A	CONSTRUCTION OF A LARYNX WITH ALOTISSUES	97,654
INSTITUTION TOTAL 9		316,683	
CITY TOTAL 11		361,574	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
AM17720-01	BENSUSAN, HOWARD B	STUDIES ON THE NON-COLLAGENOUS PORTION OF PROCOLLAGEN	27,094
AI12204-01	BLOCH, EDWARD H	IN VIVO MICROSCOPY OF SCHISTOSOMIASIS OF ORGANS	21,960
AM16600-01	BURSTEIN, ALBERT H	IN VIVO LOADING ON HIP AND KNEE JOINT REPLACEMENTS	48,000
HD07209-01	CAPLAN, ARNOLD I	THE CONTROL OF DEVELOPMENT OF LIMB MESODERMAL CELLS	41,230
HL16206-01	DE PALMA, RALPH G	ATHEROSCLEROTIC PLAQUE DYNAMICS IN NON-HUMAN PRIMATES	145,216
HL17281-01	ENGER, CARL C	A HEART-POWERED MINIATURE IMPLANTABLE PACEMAKER	42,408
CA15901-01	GREGG, EARLE C	MUTANTS AND ALTERED RADIORESPONSE OF CELLS AND TUMORS	98,160
AI11673-01A1	ILAN, JUDITH	EFFECT OF DRUGS ON PLASMODIUM BERGHEI	27,416
CA15584-01	KELLERMEYER, ROBERT W	SOUTHEASTERN CANCER STUDY GROUP	21,040
RR00857-01A1	KO, WEN H	BIOMEDICAL ELECTRONICS RESOURCE	361,098
HD07640-01	LITTLE, A BRIAN	PROGRAM PROJECT IN REPRODUCTIVE BIOLOGY	169,499
GM20541-01	MACKLIN, MARTIN R	ELECTROGENIC PROPERTIES OF EPITHELIA	18,670
HD06883-01	MEIGS, ROBERT A	CONTROL OF STEROID HORMONE BIOSYNTHESIS IN PREGNANCY	33,441
GM21249-01	SALOMON, ROBERT G	PREPROSTAGLANDIN ENDOPEROXIDES	34,254
AI11420-01	STAVITSKY, ABRAM B	REGULATION OF HUMORAL IMMUNITY	62,500
GM21727-01	THOMPSON, W LEIGH	RENAL PHARMACOLOGY OF DOPAMINE AND PROSTAGLANDINS	41,500

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
HL15195-01A1	WALTON, ALAN G	PROGRAM PROJECT IN BIOLOGICAL MATERIALS	628,897
INSTITUTION TOTAL 17		1,822,383	
CLEVELAND CLINIC HOSPITAL			
HL17692-01	ENGER, CARL C	A HEART-POWERED MINIATURE IMPLANTABLE PACEMAKER	39,292
HL16433-01	SEN, SUBHA	ISOLATION OF A HYPERTENSIVE COMPOUND FROM HUMAN URINE	18,450
INSTITUTION TOTAL 2		57,742	
CITY TOTAL 19		1,880,125	
COLUMBUS			
OHIO STATE UNIVERSITY			
HL16563-01	DONNERBERG, ROY L	QUANTITATIVE PHONOPNEUMOGRAPHY IN LUNG DISEASE	85,620
CA16070-01	GASSMAN, PAUL G	VINCRISTINE AND VINBLASTINE DERIVATIVES AND MODELS	47,241
EY01325-01	HILL, RICHARD M	EFFECTS OF REFRACTIVE ERROR IN SINGLE CELL CODING	14,031
GM20181-01	HORTON, DEREK	LIPOPOLYSACCHARIDE ANTIGENS OF PSEUDOMONAS AERUGINOSA	60,017
HD07824-01	KLAPPER, MICHAEL H	MECHANISM OF SEXUAL ATTRACTION IN ALLOMYCES AND FUCUS	18,466
DE03731-01A1	MAYER, ROBERT M	STUDIES ON THE DEXTRAN SUCRASE OF STREPTOCOCCUS SANGUIS	27,753
AI11490-01A1	PAQUETTE, LEO A	POLYCONDENSED ALICYCLICS AND THEIR ANTIVIRAL ROLE	42,884
INSTITUTION TOTAL 7		296,012	
CITY TOTAL 7		296,012	
DAYTON			
WRIGHT STATE UNIVERSITY			
ES00831-01	COLBERT, CHARLES	RAPID SCREENING FOR LEAD POISONING	38,507
AM16475-01	COLBERT, CHARLES	SYSTEM FOR ASSESSING SKELETAL HEALTH FROM RADIOGRAPHS	66,076
INSTITUTION TOTAL 2		104,583	
CITY TOTAL 2		104,583	
KENT			
KENT STATE UNIVERSITY			
GM21405-01	ROE, BRUCE A	THE ROLE OF MODIFIED NUCLEOTIDES IN MAMMALIAN TRNA	52,344
INSTITUTION TOTAL 1		52,344	
CITY TOTAL 1		52,344	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
AM16537-01	BUDD, GEOFFREY C	FLUOROPHOSPHATE-SENSITIVE ESTERASES IN THE LIVER	23,633
AM16049-01	HAUMAN, ROBERT L	ROLE OF ENZYMES IN CHOLECYSTITIS AND CHOLELITHIASIS	23,950
AM17585-01	TAGER, HOWARD S	BIOSYNTHESIS & SECRETION OF PEPTIDE HORMONES	32,850
NS12030-01	WALLER, HARDRESS J	CENTRAL INTERACTIONS WITH SOMATOSENSORY NEURONS	45,409
INSTITUTION TOTAL	4	125,842	
CITY TOTAL	4	125,842	
YELLOW SPRINGS			
FELS RESEARCH INSTITUTE			
HD07372-01	MC CALL, ROBERT B	PERCEPTUAL-COGNITIVE DEVELOPMENT IN HUMAN INFANTS	33,500
INSTITUTION TOTAL	1	33,500	
CITY TOTAL	1	33,500	
STATE TOTAL	45	2,853,980	
OKLAHOMA			
LANGSTON			
LANGSTON UNIVERSITY			
RR08075-01	LATIMER, STEVE B	SUPPORT FOR STUDY OF BIOLOGICAL SCIENCES	118,812
INSTITUTION TOTAL	1	118,812	
CITY TOTAL	1	118,812	
NORMAN			
UNIVERSITY OF OKLAHOMA			
AM16237-01A1	HAINES, HOWARD	EFFECT OF WATER RESTRICTION ON BODY FLUID OF MICE	21,204
AI11610-01	LARSH, HOWARD W	ISOLATION OF A SKIN TEST ANTIGEN FOR BLASTOMYCOSIS	16,312
INSTITUTION TOTAL	2	37,516	
CITY TOTAL	2	37,516	
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
HL15336-01A1	GANESAN, DEVAKI N	LIPOPROTEIN LIPASE AND RELATED LIPOLYTIC ACTIVITIES	28,583
AM17211-01	JOHNSON, B CONNOR	GLYCOLIPID DERIVATIVES OF VITAMIN A	38,307
HL16515-01	JOHNSON, B CONNOR	VITAMIN K AND HUMAN PROTHROMBIN	24,027

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA			
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
GM20212-01	TANG, JORDAN J	STRUCTURE AND FUNCTION OF MAMMALIAN CATHEPSIN D	12,143
INSTITUTION TOTAL	4	103,060	
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
HL16478-01	FROHLICH, EDWARD D	HEMODYNAMIC RELATIONS TO METABOLISM IN HYPERTENSION	67,000
RR00732-01A1	HOLMES, DONALD D	ANIMAL RESOURCES IMPROVEMENT PROGRAM	99,365
CA15467-01	SHAW, MICHAEL T	COOPERATIVE STUDY OF CANCER CHEMOTHERAPY	52,986
NS10860-01A1	STITH, REX D	BIOCHEMICAL RESPONSES OF BRAIN TO HYDROCORTISONE	17,125
INSTITUTION TOTAL	4	236,476	
CITY TOTAL	8	339,536	
STILLWATER			
OKLAHOMA STATE UNIVERSITY			
CA14343-01A1	BERLIN, KENNETH D	HETEROSTEROIDS - ANTICANCER AGENT POTENTIATORS	32,556
AM16918-01	NEWCOMER, WILBUR S	HEREDITARY AUTOIMMUNE THYROIDITIS IN OBESE CHICKS	17,977
INSTITUTION TOTAL	2	50,533	
CITY TOTAL	2	50,533	
TAHLEQUAH			
NORTHEASTERN STATE COLLEGE			
RR08123-01	SMITH, C CLINTON, JR	N.E.S.C. MINORITY STUDENT SCIENCE RESEARCH PROGRAM	97,349
INSTITUTION TOTAL	1	97,349	
CITY TOTAL	1	97,349	
STATE TOTAL	14	643,746	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
ES00841-01	DOST, FRANK N	STEADY-STATE INTOXICATION BY SIMPLE HYDRAZINES	26,925
ES00654-01	FANG, SHENG C	PHOTOREACTION AND HERBICIDE METABOLISM	15,550
CA15287-01	WESWIG, PAUL H	THE EFFECT OF SELENIUM ON CHEMICAL CARCINOGENICITY	75,070
INSTITUTION TOTAL	3	117,545	
CITY TOTAL	3	117,545	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
EY01286-01	MARROCCO, RICHARD T	PHYSIOLOGY OF VISUAL AFFERENT PATHWAYS	22,073
GM20373-01	STAHL, FRANKLIN W	RECOMBINATIONAL INTERMEDIATES IN PHAGE LAMBDA	16,864
INSTITUTION TOTAL	2	38,937	
CITY TOTAL	2	38,937	
PORTLAND			
MEDICAL RESEARCH FOUNDATION OF OREGON			
HL16587-01	MALINOW, MANUEL R	DRUG EFFECTS ON CORONARY ATHEROSCLEROSIS	185,276
HD07649-01	NEURINGER, MARTHA D	BEHAVIORAL EFFECTS OF EARLY MALNUTRITION	64,023
HD07499-01A1	NORMAN, REID L	NEUROENDOCRINE CONTROL OF LH RELEASE	42,373
HD07658-01A1	RESKO, JOHN A	STEROID HORMONES AND FETAL DEVELOPMENT	26,580
INSTITUTION TOTAL	4	318,252	
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY			
ES00937-01	SMEJTEK, PAVEL	PESTICIDES/AND TRANSPORT ACROSS BILAYER LIPID MEMBRANES	24,614
INSTITUTION TOTAL	1	24,614	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON DENTAL SCHOOL			
DE03978-01	CREAMER, HOWARD R	CREVICULAR PLAQUE: ITS ROLE IN IMMUNOSUPPRESSION	26,457
DE03969-01	IRWIN, JAMES W	INFRARED EMISSIVITY OF TEETH AND INTRAORAL MUCOSA	26,717
DE03856-01	SHEARER, THOMAS R	FLUORIDE-SELENIUM INTERACTION IN DENTAL CARIES	14,554
INSTITUTION TOTAL	3	67,728	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON MEDICAL SCHOOL			
CA15739-01	BLACK, JOHN A	NATURE OF PYRUVATE KINASE ISOZYME CHANGE IN NEOPLASIA	29,534
AI12273-01	LESLIE, GERRIE A	MODULATION OF IMMUNITY TO GROUP A STREPTOCOCCI	21,648
AM16124-01	PIROFSKY, BERNARD	SELECTIVE ERYTHROCYTE REPOPULATION	27,575
AM17687-01	WUEPPER, KIRK D	EPIDERMAL TRANSGLUTAMINASE: ROLE IN KERATINIZATION	59,856
INSTITUTION TOTAL	4	138,613	
CITY TOTAL	12	549,207	
STATE TOTAL	17	705,689	
PENNSYLVANIA			
BRYN MAWR			
BRYN MAWR COLLEGE			
NS11751-01	WILKENS, LON A	SYNAPTIC INTEGRATION IN A BIMODAL SENSORY INTERNEURON	36,989

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	36,989	
CITY TOTAL	1	36,989	
PENNSYLVANIA			
GLENSIDE			
BEAVER COLLEGE			
HD07043-01	CARR, WILLIAM J	PHEROMONAL COMMUNICATION	18,991
INSTITUTION TOTAL	1	18,991	
CITY TOTAL	1	18,991	
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
CA15038-01A1	GLASER, M RONALD	INTERACTION OF DNA TUMOR VIRUSES AND CELL GENOMES	31,720
NS10884-01	GRAHAM, WILLIAM P, III	PREVENTION OF PERIPHERAL NEUROMAS WITH TRIAMCINOLONE	95,000
AM17303-01A1	HEPNER, GERSHON W	BILE SECRETION AND ENTEROHEPATIC CIRCULATION OF DRUGS	68,665
AI12203-01	RAPP, FRED	THE CHARACTERIZATION OF MEASLES VIRUS LATENCY	42,663
CA16365-01	RAPP, FRED	ETIOLOGY OF PROSTATE TUMORS	72,022
INSTITUTION TOTAL	5	310,070	
CITY TOTAL	5	310,070	
LEWISBURG			
BUCKNELL UNIVERSITY			
CA15880-01	HEINE, HAROLD W	THE REACTIONS AND SYNTHESIS OF DIAZIRIDINES	17,900
INSTITUTION TOTAL	1	17,900	
CITY TOTAL	1	17,900	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
HL16734-01	ASAKURA, TOSHIO	BIOPHYSICAL - CLINICAL STUDY OF ABNORMAL HEMOGLOBINS	19,720
CA14037-01A1	GLICK, MARY C	ROLE OF THE SURFACE MEMBRANE IN CELLULAR BEHAVIOR	77,646
AM16859-01	GLICK, MARY C	GLYCOPROTEIN METABOLISM IN CYSTIC FIBROSIS	68,158
HD07642-01	HARRIS, T N	AGING AND IMMUNE RESPONSES TO TRANSPLANTS AND TUMORS	38,000
INSTITUTION TOTAL	4	203,524	
DREXEL UNIVERSITY			
AM16447-01A1	NATH, AMAR	MOSSBAUER STUDIES OF VITAMIN B12 AND ITS COENZYME	39,077
INSTITUTION TOTAL	1	39,077	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
AM17771-01	HOLSCLAW, DOUGLAS S	LUNG MUCOCILLIARY CLEARANCE AND MUCOUS RHEOLOGY	9,789
INSTITUTION TOTAL	1	9,789	
INSTITUTE FOR CANCER RESEARCH			
CA15139-01	BROWN, DARRELL Q	DOSE-RATE DEPENDENCE OF TUMOR CURE IN RADIOTHERAPY	51,225
GM20627-01	KLINMAN, JUDITH P	ENZYME CATALYZED HYDROGEN ABSTRACTION REACTIONS	27,745
GM20664-01	MARCUS, ABRAHAM	MOLECULAR REGULATION OF CELL GROWTH IN CULTURE	27,100
INSTITUTION TOTAL	3	106,070	
MEDICAL COLLEGE OF PENNSYLVANIA			
AI12074-01	BANSAL, SUBHASH C	IMMUNOLOGICAL NON-REACTIVITY - SERUM FACTORS	36,000
AM16420-01	DRATMAN, MARY B	ADRENERGIC PHARMACOLOGY AND THYROXIN METABOLISM	20,400
NS11919-01	GOLDBERGER, MICHAEL E	AXONAL SPROUTING AND FUNCTIONAL RECOVERY IN THE CNS	42,514
NS11644-01	MURRAY, MARION	GENERATION AND DEGENERATION OF AXONS	32,793
CA15883-01	WEISS, BENJAMIN	AGENTS INHIBITING PHOSPHODIESTERASES OF CANCER CELLS	58,094
INSTITUTION TOTAL	5	189,801	
PENNSYLVANIA HOSPITAL			
HD06468-01A1	JOHNSON, LOIS H	BILIRUBIN TOXICITY--METABOLIC EFFECTS OF PHOTOTHERAPY	24,033
CA16301-01	LING, GILBERT N	NMR STUDY OF WATER IN CANCER AND IN NORMAL TISSUES	64,662
INSTITUTION TOTAL	2	88,695	
PHILADELPHIA GENERAL HOSPITAL			
DE03764-01	BRIGHTMAN, VERNON J	ATYPICAL FACIAL PAIN AND DISTURBED ORAL SENSATION	54,964
HL16058-01A1	HOWARD, BARBARA V	THE METABOLISM OF LIPIDS IN CULTURED CELLS	44,929
INSTITUTION TOTAL	2	99,893	
PRESBYTERIAN-UNIVERSITY OF PENNSYLVANIA MEDICAL CENTER			
CA15370-01	BLOUGH, HERBERT A	TUMOR VIRUS LIPIDS: STRUCTURE AND BIOSYNTHESIS	70,863
AM16842-01	CARTER, JAMES R, JR	BIOSYNTHESIS OF RED CELL MEMBRANE PROTEINS	47,768
AM16371-01	CARTER, JAMES R, JR	MECHANISM OF ACTION OF INSULIN	69,940
INSTITUTION TOTAL	3	188,571	
TEMPLE UNIVERSITY			
AM16270-01	CAMPO, ROBERT D	STUDIES ON ENDOCHONDRAL GROWTH	29,460
CA15759-01	KROW, GRANT R	SYNTHESIS OF THE ANTILEUKEMIC LIGNAN STEGANACIN	52,986

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
TEMPLE UNIVERSITY			
NS11821-01	MANN, DAVID E, JR	DIPHENYLHYDANTOIN-INDUCED CLEFT PALATE INHIBITION BY B12	6,530
CA15385-01	NOVAL, JOSEPH J	MECHANISM OF ANTITUMOR EFFECT OF PORTACAVAL SHUNT	79,816
NS10605-01	OMAND, ELIZABETH L	SENSORY CONTROL OF FEEDING	37,229
AM16102-01	OWEN, OLIVER E	REGULATION OF KETOACID METABOLISM	48,088
CA15644-01	ROVERA, GIOVANNI	CONTROL MECHANISMS OF THE GO PHASE OF THE CELL	17,635
CA14689-01A1	SARMA, D S	STUDY OF LIVER DNA IN CHEMICAL CARCINOGENESIS	22,360
RR00816-01	SEVY, ROGER W	SUPPORT FOR ANIMAL-CARE FACILITY	147,295
DE03666-01A1	SODICOFF, MARVIN	PAROTID GLAND SECRETION FOLLOWING X-IRRADIATION	19,250
INSTITUTION TOTAL	10	460,649	
THOMAS JEFFERSON UNIVERSITY			
HL17230-01	BRUCKER, PAUL C	ASSURING PATIENT COMPLIANCE BY HEALTH CARE CONTRACTS	46,418
CA15050-01	COTTRELL, JOHN C	POTENTIAL CARCINOGENICITY OF CANNABIS	34,083
RR00815-01	KELLOW, WILLIAM F	SUPPORT FOR ANIMAL-CARE FACILITY	131,794
CA14701-01A1	KRAMER, SIMON	EFFECT OF AGE ON RADIATION-INDUCED PULMONARY FIBROSIS	51,804
CA16110-01	LEEPER, DENNIS B	RECOVERY FROM RADIATION-INDUCED CYCLE DELAY	60,983
NS10806-01A2	MOSKOWITZ, NORMAN	CONNECTIONS OF AUDITORY CORTEX	29,478
INSTITUTION TOTAL	6	354,560	
UNIVERSITY OF PENNSYLVANIA			
CA14676-01	BRINSTER, RALPH L	REGULATION OF CANCER CELL DEVELOPMENT	29,032
HL16520-01	CAPUZZI, DAVID M	LIPID AND LIPOPROTEIN SYNTHESIS IN LIVER CELLS	29,948
HL17221-01	DANIELE, RONALD P	IMMUNOCOMPETENT CELLS OF THE LUNG	30,000
GM21135-01	EWENS, WARREN J	STOCHASTIC PROCESSES IN GENETIC POPULATIONS	15,068
CA15728-01	GASIC, GABRIEL J	ROLE OF PLATELETS AND CLOTTING IN METASTASIS	49,950
DE03854-01	GRAVER, HEBER T	DENTAL LAMINA REGENERATION IN SALAMANDER JAWS	6,420
HL16436-01	HESS, MARILYN E	ROLE OF CALCIUM AND THYROXINE IN HEART FUNCTION	32,858
HD07147-01	MARKS, ELI S	MIGRATION AND FERTILITY BEHAVIOR AND ATTITUDES	92,908
NS09673-01A2	MC GRATH, JOHN T	FINE STRUCTURE OF MYELINOGENESIS AND MYELIN DISEASE	78,626
GM20138-01	MELLMAN, WILLIAM J	UNIVERSITY OF PENNSYLVANIA HUMAN GENETICS CENTER	519,560
DE03874-01	MILLER, MICHAEL F	IMMUNE ASPECTS OF RECURRENT APHTHOUS ULCERS	7,217
NS10617-01A1	MOULTON, DAVID G	OLFACTORY PHYSIOLOGY	34,964
HL16595-01	WALLACE, HERBERT W	LIQUID MEMBRANE BLOOD OXYGENATION	118,801
HL15183-01A2	WALLACE, HERBERT W	SURGERY WITH ASSISTED AND TOTAL BYPASS: BLOOD CHANGES	40,000
AM17533-01	WAYLAND, BRADFORD B	DEVELOPMENT OF HEME MODEL COMPLEXES FOR STUDYING PROTEIN	74,056
INSTITUTION TOTAL	15	1,159,408	
CITY TOTAL	52	2,900,037	

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NIH
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
ALLEGHENY GENERAL HOSPITAL			
AM17575-01	PUSCHETT, JULES B	STUDY OF ANIONIC TRANSPORT IN PROXIMAL TUBULE	32,860
INSTITUTION TOTAL 1		32,860	
CARNEGIE-MELLON UNIVERSITY			
GM20922-01	ELLISON, JOHN R	CYTOCHEMISTRY AND STRUCTURE OF CHROMOSOMES	28,941
GM21271-01	MAYFIELD, JOHN E	THE MOLECULAR ORGANIZATION OF EUKARYOTIC CHROMOSOMES	25,277
HL16506-01	REICHERT, THOMAS A	AN OPTIMAL FETAL HEART MONITOR	44,832
INSTITUTION TOTAL 3		99,050	
CHILDREN'S HOSPITAL OF PITTSBURGH			
HD07465-01	MURPHY, JEROME V	ENZYMATIC DETECTION OF NEURODEGENERATIVE DISORDERS	20,212
INSTITUTION TOTAL 1		20,212	
MONTEFIORE HOSPITAL			
AI11932-01	NORDEN, CARL W	HEMOPHILUS INFLUENZAE TYPE B INFECTIONS	15,228
INSTITUTION TOTAL 1		15,228	
UNIVERSITY OF PITTSBURGH			
ES00872-01	ALARIE, YVES C	RESPIRATORY TRACT IRRITANTS: DESENSITIZATION	72,422
NS11773-01	BASFORD, ROBERT E	REGULATION OF GLYCOLYSIS IN BRAIN	33,802
CA16227-01	BOGGS, SALLIE S	FACTORS INFLUENCING LEUKEMIC TRANSFORMATION IN VIVO	74,569
AI11819-01	CAMPBELL, IAIN M	NAPHTHOQUINONE METABOLISM IN PLANTS AND BACTERIA	39,610
GM20569-01A1	CHAY, TERESA R	PROPERTIES OF HUMAN HEMOGLOBINS AND UNWINDING OF DNA	9,720
CA14278-01A1	CHERVENICK, PAUL A	GROWTH AND MATURATION OF HEMATOPOIETIC STEM CELLS	45,326
GM20707-01	COHEN, THEODORE	THE BIOGENESIS OF CYCLOPROPANE RINGS	22,000
GM20693-01	COOPER, TERRANCE G	GENETICS AND ISOLATION OF A EUCARYOTIC CONTROL PROTEIN	21,586
GM21164-01	CRAVEN, BRYAN M	CRYSTAL STRUCTURAL STUDIES OF SERUM ALBUMIN	15,695
GM19906-01	DOWD, PAUL	MODEL STUDIES OF VITAMIN B12	47,584
DE03774-01	GILBERTSON, JOHN R	STUDIES ON THE LIPIDS OF SALIVARY GLANDS	46,975
CA14914-01A1	GILBERTSON, JOHN R	ROLE OF LIPIDS IN CANCEROGENESIS	21,856
AM16837-01	GILBERTSON, JOHN R	BIOCHEMISTRY OF LIPIDS IN GROWING NORMAL TISSUES	16,107
CA16003-01	IHLER, GARRET M	ENZYME-LOADING OF RED BLOOD CELLS	32,252
GM20114-01	JACOBSON, LEWIS A	REGULATION OF PROTEIN SYNTHESIS IN GROWTH TRANSITIONS	30,400
HD08954-01	LESTER, ROGER	NEONATAL NUTRITION: DEVELOPMENT OF FAT ABSORPTION	67,053
RR00832-01	RALPH, CHARLES L	ANIMAL CARE EQUIPMENT AND FACILITIES IMPROVEMENT	22,319
CA15616-01	RYAN, GORDON A	DNA SYNTHESIS AND ANTITUMOR DRUGS	20,822
NS09801-01A2	SAMAHA, FREDERICK J	NERVOUS SYSTEM REGENERATION IN THE PARAPLEGIC	37,686
ES00963-01	SCHUBERT, JACK	TOXIC METAL SYNERGISM AND MIXED CHELATE THERAPY	23,850
INSTITUTION TOTAL 20		701,634	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	26	868,984	
PENNSYLVANIA			
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY			
HD07244-01	AMANN, RUPERT P	SEPARATION AND CULTURE OF EPIDIDYMAL EPITHELIAL CELLS	34,008
NS10819-01	CORNWELL, PAUL R	NEONATAL BRAIN DAMAGE & VISION	42,253
AI11712-01	GINOZA, WILLIAM	DEGRADATION OF T4 DNA OCCURRING EARLY IN INFECTION	25,630
AI12470-01	JOYS, TERENCE M	BACTERIAL FLAGELLA: STRUCTURE, SPECIFICITY AND CONTROL	28,017
HL16860-01	LANG, L GEORGE	MOSSBAUER STUDIES OF RESPIRATORY HEMOPROTEINS	59,361
HD07618-01	MACCLUER, JEAN W	HUMAN POPULATION STRUCTURE: A COMPUTER SIMULATION	54,006
HL16528-01	RHOADES, RODNEY A	LACTATE METABOLISM IN THE LUNG	27,907
AI11256-01	SCHEIN, RICHARD D	STUDY OF AIRBORNE ALLERGENS	31,449
AM16578-01	UNDERWOOD, BARBARA A	VITAMIN A: FORM AND DISTRIBUTION IN HEPATIC CELL TYPES	26,128
INSTITUTION TOTAL	9	328,759	
CITY TOTAL	9	328,759	
WILKES-BARRE			
LUZERNE COUNTY MEDICAL SOCIETY			
CA16667-01	SCARANO, DOMENICO	EXPLORATORY STUDIES IN CANCER RESEARCH	102,500
INSTITUTION TOTAL	1	102,500	
CITY TOTAL	1	102,500	
STATE TOTAL	96	4,584,230	
RHODE ISLAND			
*KINGSTON			
GORDON RESEARCH CONFERENCES			
GM21384-01	ALLFREY, VINCENT G	SUPPORT FOR CONFERENCE ON NUCLEAR PROTEINS	4,500
HL16410-01	COSTANTIN, LEROY L	GORDON CONFERENCE ON CARDIAC AND SKELETAL MUSCLE	5,000
GM21501-01	HAMMES, GORDON G	SUPPORT FOR CONFERENCE ON PROTEIN BIOCHEMISTRY	4,000
CA16369-01	SWARTZ, HAROLD M	SUPPORT FOR CONFERENCE ON NMR STUDIES	15,890
INSTITUTION TOTAL	4	29,390	
UNIVERSITY OF RHODE ISLAND			
AM16063-01A1	FULLER, GEORGE C	COLLAGEN SYNTHESIS IN CONNECTIVE TISSUE DISEASE	23,723
INSTITUTION TOTAL	1	23,723	
CITY TOTAL	5	53,113	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
GM20261-01A1	GERBI, SUSAN A	FINE STRUCTURE OF RIBOSOMAL RNA	32,015
GM20103-01	KIDWELL, JAMES F	ANALYSIS OF A MUTATOR GENE IN D. MELANOGASTER	17,255
AM17094-01	PALATT, PAUL J	MATHEMATICAL MODELING OF VISCOUS FLOW PHENOMENA	5,441
ES00894-01	RIEGER, PHILIP H	AQUEOUS SOLUTION STUDIES OF ARSENATES AND VANADATES	22,487
INSTITUTION TOTAL	4	77,198	
ROGER WILLIAMS GENERAL HOSPITAL			
GM21535-01	CALABRESI, PAUL	DERMATOPHARMACOLOGIC STUDIES IN PSORIASIS	34,200
CA15909-01	CHU, MING Y	SYNTHESIS OF DRUGS FOR LEUKEMIA CELL CULTURES	25,058
INSTITUTION TOTAL	2	59,258	
CITY TOTAL	6	136,456	
STATE TOTAL	11	189,569	
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
HL16490-01	AINSWORTH, STERLING K	STRUCTURAL BASIS OF NEPHRON FILTRATION	82,138
NS11867-01	BROSTOFF, STEVEN W	THE RCLE OF MYELIN PROTEINS IN EXPERIMENTAL NEURITIS	38,220
HL15755-01	FRAYSER, REGINA	EXPERIMENTAL EMPHYSEMA	54,970
NS12044-01	HOGAN, EDWARD L	MYELIN CONSTITUENTS IN MURINE LEUCODYSTROPHY	87,951
CA15574-01	ONDO, JEROME G	HYPOTHALAMIC-PITUITARY FUNCTION AND MAMMARY NEOPLASIA	27,943
ES00974-01	PRITCHARD, JCHN B	RENAL HANDLING OF DDA AND ITS IMPLICATIONS	19,450
INSTITUTION TOTAL	6	310,672	
CITY TOTAL	6	310,672	
CLEMSON			
CLEMSON UNIVERSITY			
DE03935-01	COOKE, FRANCIS W	SELECTION OF MATERIALS FOR RECONSTRUCTIVE SURGERY	5,000
DE03892-01	MOYLE, DAVID D	FRACTURE TOUGHNESS OF BONE-PROSTHETIC MATERIAL COMPOSITE	7,500
DE03904-01	WEINSTEIN, ALLAN M	D. C. STIMULATION OF BONE INGROWTH INTO POROUS A1203	7,500
GM19550-01	ZIMMERMAN, JAMES K	STUDIES ON PYRUVATE KINASE USING DIRECT GEL SCANNING	30,568
INSTITUTION TOTAL	4	50,568	
CITY TOTAL	4	50,568	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA			
COLUMBIA			
BENEDICT COLLEGE			
RR08117-01	FINLAY, MARY F	POLLUTION ANALYSIS WITH STUDENT PARTICIPATION	202,174
INSTITUTION TOTAL	1	202,174	
UNIVERSITY OF SOUTH CAROLINA			
CA15645-01	ELLIS, PAUL D	NMR STUDIES OF FOLATE-ENZYME INTERACTIONS	42,636
INSTITUTION TOTAL	1	42,636	
CITY TOTAL	2	244,810	
STATE TOTAL	12	606,050	
SOUTH DAKOTA			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA			
HL17205-01	BRADY, FRANK O	LUNG METALLOENZYMES: REGULATION BY METALS AND GASES	29,925
GM21095-01	SMALL, GARY D	DNA METABOLISM IN EUKARYOTES	18,487
INSTITUTION TOTAL	2	48,412	
CITY TOTAL	2	48,412	
STATE TOTAL	2	48,412	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
HD07218-01	LOZZIO, BISMARCK B	HEREDITARY AGENESIS OF THE THYMUS	25,095
HD07282-01	MACCABE, JEFFREY A	MECHANISMS IN EMBRYONIC LIMB MORPHOGENESIS	29,578
HL14637-01A2	MC DONALD, TED P	THROMBOPOIETIN: IMMUNOASSAY AND CHARACTERIZATION	29,467
NS12035-01	NABELEK, ANNA K	BINAURAL SPEECH RECEPTION	68,697
CA16063-01	YANG, TSU-JU T	ETIOLOGICAL STUDY OF TRANSMISSIBLE VENERAL SARCOMA	36,500
INSTITUTION TOTAL	5	189,337	
CITY TOTAL	5	189,337	
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
CA14799-01	BRENT, THOMAS P	THE ROLE OF A HUMAN CELL ENDONUCLEASE IN REPAIR OF DNA	48,671
HL15616-01A1	PHILLIPS, DAVID R	PLATELET MEMBRANE PROTEINS IN AGGREGATION	34,649
INSTITUTION TOTAL	2	83,320	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE MEDICAL UNITS			
AI11255-01	DORSETT, PRESTON H	CHARACTERIZATION OF THE RUBELLA VIRUS PROTEINS	23,699
CA16765-01	IRVING, CHARLES C	BIOCHEMICAL MECHANISMS IN EXPERIMENTAL BLADDER CANCER	55,928
INSTITUTION TOTAL	2	79,627	
CITY TOTAL	4	162,947	
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
GM20880-01	JACKSON, JULIUS H	COMMON POINTS REGULATING ENZYME BIOSYNTHESIS	37,050
HL15713-01	ZELMAN, ALLEN	BLOOD POLLUTION, CHEMOTHERAPY, AND SICKLE CELL DISEASE	15,000
INSTITUTION TOTAL	2	52,050	
TENNESSEE STATE UNIVERSITY			
RR08092-01	WOOD, HENDERSON K	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	210,806
INSTITUTION TOTAL	1	210,806	
VANDERBILT UNIVERSITY			
GM21722-01	BRILL, AARON B	MOSAIC INTRINSIC GERMANIUM RADIOISOTOPE SCAN DEVICE	83,069
HD07345-01	DI PIETRO, DAVID L	ESTRIOL 16-GLUCURONATE AND ESTETROL ANTIBODIES	10,453
HL14681-01A1	LANDON, ERWIN J	RESPONSIVENESS OF VASCULAR SMOOTH MUSCLE	133,250
HL16489-01	OATES, JOHN A	RENAL PROSTAGLANDINS: SYNTHESIS AND FUNCTION	175,476
CA16262-01	STOLTZFUS, CONRAD M	SUBUNIT STRUCTURE AND FUNCTION OF ONCORNAVIRUS RNA	96,640
GM21220-01	WELLS, JACK N	TISSUE SPECIFIC INHIBITORS OF PHOSPHODIESTERASE	48,501
INSTITUTION TOTAL	6	547,389	
CITY TOTAL	9	810,245	
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
CA14669-01	HAYES, RAYMOND L	ORAU-ORNL STUDY OF CARBON-11 IN NUCLEAR MEDICINE	85,000
INSTITUTION TOTAL	1	85,000	
CITY TOTAL	1	85,000	
STATE TOTAL	19	1,247,529	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
AI11996-01	BOSE, HENRY R	SUPERINFECTION EXCLUSION IN RNA ANIMAL VIRUSES	29,723

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HD07614-01	GUMMERMAN, RICHARD K	DEVELOPMENT OF HUMAN VISUAL INFORMATION PROCESSING	14,671
HD07768-01	HAKES, DAVID T	THE EMERGENCE OF LINGUISTIC INTUITIONS IN CHILDREN	7,924
AM16836-01	LONGENECKER, JOHN B	PLASMA AMINO ACID METHOD TO ASSESS AMINO ACID NEEDS	23,859
GM19331-01	PAVAN, CRODOWALDO	CHROMOSOME AND GENE ACTIVITY IN SCIARIDAE	31,500
GM20148-01	THOMPSON, GUY A, JR	THE BIOCHEMISTRY OF MEMBRANE ASSEMBLY AND STABILITY	21,086
EY01162-01	WELCH, ASHLEY J	OCULAR DAMAGE DUE TO RETINAL TEMPERATURE RISE	31,897
INSTITUTION TOTAL	7	160,660	
CITY TOTAL	7	160,660	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY			
GM20511-01	MARTELL, ARTHUR E	ENZYME MODELS CONTAINING AMINOALKYLPHOSPHONIC ACIDS	49,430
INSTITUTION TOTAL	1	49,430	
CITY TOTAL	1	49,430	
DALLAS			
BAYLOR COLLEGE OF DENTISTRY			
DE03923-01	KOLSTAD, ROBERT A	RAPID IDENTIFICATION OF STREPTOCOCCUS SANGUIS STRAINS	11,230
INSTITUTION TOTAL	1	11,230	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS			
AM16947-01	SHERRY, A DEAN	LANTHANIDE IONS AS SPECTROSCOPIC RULERS IN CON A	19,220
INSTITUTION TOTAL	1	19,220	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
ES01017-01	BURK, RAYMOND F, JR	NUTRITIONAL SIGNIFICANCE OF SELENIUM-2 SELENPROTEINS	46,150
AI12127-01	CAPRA, J DONALD	GENETIC STUDY OF IMMUNOGLOBULIN V REGION STRUCTURE	134,766
AM16209-01	JASIN, HUGO E	ROLE OF IMMUNE COMPLEXES IN CHRONIC INFLAMMATION	19,794
HD07746-01	LOSPALLUTO, JOSEPH J	LYMPHOID CELL FUNCTION AND AGING	54,327
AI11621-01	MOTICKA, EDWARD J	CONTROLLING ROLE OF THYMOCYTES IN ANTIBODY SYNTHESIS	14,185
AI11396-01A1	NELSON, JOHN D	ENTEROINVASIVE AND ENTEROTOXIGENIC E COLI DIARRHEAS	27,415
HD08407-01	PRITCHARD, JACK A	REPRODUCTION IN WOMEN WHOSE RED CELLS CONTAIN HEMOGLOBIN	48,311
AM16601-01A1	SALLEE, VERNEY L	INTESTINAL LIPID ABSORPTION	28,022
RR00938-01	SHADDUCK, JOHN A	DIAGNOSIS AND CONTROL OF MAMMALIAN ENCEPHALITOZOONOSIS	29,344
AI11851-01	UHR, JONATHAN W	THE BIOLOGY AND BIOCHEMISTRY OF THE LYMPHOCYTE SURFACE	315,892
INSTITUTION TOTAL	10	718,206	
CITY TOTAL	12	748,656	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
DENTON			
NORTH TEXAS STATE UNIVERSITY			
AI10263-01A2	HARRIS, BEN G	STRUCTURE AND PHYSIOLOGICAL FUNCTION OF MALIC ENZYMES	25,973
INSTITUTION TOTAL	1	25,973	
CITY TOTAL	1	25,973	
FORT WORTH			
TEXAS CHRISTIAN UNIVERSITY			
HD07363-01	COLE, STEVEN G	CRITICAL FACTORS IN FAMILY PLANNING PARTICIPATION	11,053
INSTITUTION TOTAL	1	11,053	
CITY TOTAL	1	11,053	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
AM17040-01	BOWMAN, BARBARA H	THE BASIC DEFECT IN CYSTIC FIBROSIS: A PROGRAM PROJECT	190,956
HL16942-01	CALLAS, GERALD	HYPERTHYROIDISM AND LUNG STRUCTURE AND FUNCTION	36,625
HL16880-01	GAN, JOSE C	A1-ANTITRYPSIN: PULMONARY FUNCTION & CHEMICAL STRUCTURE	46,255
HL16449-01	GUEST, M MASON	MICROCIRCULATION, HEMOFLUIDITY AND HEMOSTASIS	40,371
CA15278-01	HARRIS, NICK S	EFFECT OF ANTIBODY IMMUNOSUPPRESSION ON TUMOR GROWTH	72,065
HL16443-01	NANNINGA, LUDDO B	PLASMA INHIBITOR OF PROFIBRINOLYSIN ACTIVATION	26,895
EY01207-01	RAE, JAMES L	NORMAL AND CATARACTOUS LENS CELL BIOELECTRIC PROPERTIES	31,938
ES00944-01	SMITH, LELAND L	AIR POLLUTANT - LIPID MEMBRANE INTERACTIONS	28,182
INSTITUTION TOTAL	8	473,287	
CITY TOTAL	8	473,287	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
HL16938-01	ALFREY, CLARENCE P, JR	EFFECT OF PHYSICAL FORCES ON BLOOD	40,000
GM18962-01A1	BARNES, EUGENE M, JR	MECHANISMS OF SUGAR TRANSPORT IN MEMBRANE VESICLES	25,904
EY01406-01	BASINGER, SCOTT F	RETINA: PHOTORECEPTOR MEMBRANE SYNTHESIS AND FUNCTION	78,949
NS11812-01	CRANFORD, JERRY L	ROLE OF CORTICO-THALAMIC SYSTEM IN BINAURAL HEARING	20,895
NS10787-01	JERGER, JAMES F	THE STAPEDIUS REFLEX AS AN INDEX OF HEARING LOSS	42,815
AI12048-01	MARTIN, RUSSELL R	FACTORS WHICH MODIFY LEUKOTAXIS OF HUMAN CELLS	23,778
HL16512-01	MEANS, ANTHONY R	LIPOPROTEIN METABOLISM AND HORMONAL REGULATION	124,571
HD08389-01	PECK, ERNEST J, JR	NEUROENDOCRINE CONTROL OF PITUITARY HORMONE SECRETION	45,072
HL16915-01	REDDY, YERRADHODDI S	PHOSPHORYLATION OF MYOCARDIAL REGULATORY PROTEIN	15,163
AM17555-01	ROSSEN, ROGER D	A ROLE FOR ANTIGLOBULIN IN GLOMERULONEPHRITIS	27,855
GM21070-01	ROUFA, DONALD J	CONTROL OF DNA REPLICATION IN ANIMAL CELLS AND VIRUS	91,889

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CA16311-01	STEINER, SHELDON M	MEMBRANE FUCOSYLGLYCOLIPIDS IN VIRUS-INDUCED CANCERS	43,128
AM16943-01	SUKI, WADI N	REGULATION OF H ION SECRETION BY CA ION AND PARATHYROID	2,617
HL16544-01	TAUNTON, OSCAR D	CONTROL OF LIPOPROTEIN SYNTHESIS	50,148
CA15333-01A1	TWOMEY, JEREMIAH J	RHEUMATOID FACTOR AND TUMOR-HOST INTERACTION	13,170
INSTITUTION TOTAL	15	645,954	
RICE UNIVERSITY			
AM17008-01	QUIOCHO, FLORANTE A	STRUCTURE AND FUNCTION OF CREATINE KINASE	30,000
INSTITUTION TOTAL	1	30,000	
UNIVERSITY OF HOUSTON			
HD07993-01	GREGORY, PAUL R	FERTILITY AND LABOR FORCE PATTERNS, U S WOMEN	35,655
EY01139-01A1	HARWERTH, RONALD S	BEHAVIORAL MEASURES OF BINOCULAR VISION	27,993
GM20479-01	SPRING, THOMAS G	AFFINITY LABELING OF GLYCOLYTIC ENZYMES	12,656
INSTITUTION TOTAL	3	76,304	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
EY00907-01A1	COOL, STEVEN J	CORRELATES OF BINOCULAR VISUAL STIMULATION	12,149
HL16552-01	ROBISON, GEORGE A	REGULATION OF CARDIAC ADENYLYL CYCLASE ACTIVITY	84,536
INSTITUTION TOTAL	2	96,685	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA16763-01	DREWINKO, BENJAMIN	EFFECT OF ANTITUMOR AGENTS ON COLON CARCINOMA CELLS	28,946
CA15086-01	LIAU, MING C	NUCLEOLAR SYNTHESIS AND MODIFICATION OF RNA	37,816
INSTITUTION TOTAL	2	66,762	
CITY TOTAL	23	915,705	
KINGSVILLE			
TEXAS AGRICULTURAL AND INDUSTRIAL UNIVERSITY			
RR08107-01	PEREZ, JOHN C	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	115,000
INSTITUTION TOTAL	1	115,000	
CITY TOTAL	1	115,000	
LUBBOCK			
TEXAS TECH UNIVERSITY			
CA16207-01	MORROW, KENNETH J	CHARACTERIZATION OF MALIGNANT CELL VARIANTS	47,509

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	47,509	
CITY TOTAL	1	47,509	
TEXAS			
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
HD06950-01A1	HAGINO, NOBUYOSHI	EXTEROCEPTIVE & NEUROENDOCRINE REGULATION OF OVULATION	39,105
CA16378-01	KUNTZ, ROBERT E	ROLE OF HAEMATOBIA IN CANCER OF THE BLADDER	18,461
INSTITUTION TOTAL	2	57,566	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
NS10602-01A1	HUFFMAN, RONALD D	CHRONIC HEAVY METAL TOXICITY AND CNS BIOGENIC AMINES	60,192
HL16725-01	KING, RICHARD J	PHYSIOLOGICAL REGULATION OF PULMONARY SURFACTANT	52,367
AM16840-01	URBAN, ERNEST	STIMULATION AND MECHANISMS OF INTESTINAL TRANSPORT	22,041
HL16686-01	WHARTON, DAVID C	PROPERTIES OF CYTOCHROME OXIDASE	70,154
INSTITUTION TOTAL	4	204,754	
CITY TOTAL	6	262,320	
STATE TOTAL	61	2,809,593	
UTAH			
LOGAN			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY			
AI11978-01	OLSEN, RICHARD K	SYNTHESIS OF EPIDITHIOPIPERAZINEDIONE ANTIBIOTICS	16,225
INSTITUTION TOTAL	1	16,225	
CITY TOTAL	1	16,225	
PROVO			
BRIGHAM YOUNG UNIVERSITY			
AI11292-01A1	TIPTON, VERNON J	FLEAS OF NORTH AMERICAN ECOLOGY AND SYSTEMATICS	27,000
INSTITUTION TOTAL	1	27,000	
CITY TOTAL	1	27,000	
SALT LAKE CITY			
LATTER-DAY SAINTS HOSPITAL SYSTEM--LATTER-DAY SAINTS HOSPITAL			
HL16487-01	PRYOR, T ALLAN	COMPUTER CONTROLLED TWO DIMENSIONAL ECHOCARDIOGRAPHY	20,150
INSTITUTION TOTAL	1	20,150	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
HL16921-01	ANDRADE, JOSEPH D	SYNTHETIC HYDROGELS AS BLOOD TOLERABLE MATERIALS	54,414
CA15760-01	FRANKLIN, MICHAEL R	MODIFICATION OF POLYCYCLIC HYDROCARBON CARCINOGENESIS	25,515
GM19864-01	GROW, RICHARD W	REAL-TIME CONVERSION OF THERMAL TO VISIBLE PICTURES	27,900
GM21328-01	POULTER, CHARLES D	SUBSTRATE ANALOGS FOR TERPENE CONDENSATION REACTIONS	59,475
HL16498-01	WARD, BRUCE D	PHYSIOLOGICAL EFFECT OF EXTRACORPOREAL OXYGENATION	50,000
HL16348-01	WOODBURY, J WALTER	ION TRANSPORT THRU MEMBRANES AND CELL ACID-BASE STATE	28,755
INSTITUTION TOTAL	6	246,059	
CITY TOTAL	7	266,209	
STATE TOTAL	9	309,434	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
EY01150-01	BRAMMER, JIMMIE D	VITAMIN A AND PHOTORECEPTION IN INSECT VISUAL SYSTEMS	21,435
AM17268-01	CRAIGHEAD, JOHN E	ASSOCIATION OF HUMAN DIABETES WITH VIRUS INFECTION	100,454
AM17163-01A1	HALPERN, WILLIAM	VISCOELASTIC PROPERTIES OF MUSCLE	32,525
HL16858-01	HAMRELL, BURT B	MECHANICAL CHARACTERISTICS OF THE HYPERTENSIVE HEART	55,572
AM16461-01	HOAGLUND, FRANKLIN T	PREVENTION OF SECONDARY OSTEOARTHRITIS OF THE HIP	41,109
AI12060-01	JAFFE, JULIAN J	ANTIMETABOLITE TARGETS IN SCHISTOSOMES AND FILARIAE	49,357
HD07136-01	KELLEHER, PHILIP C	ALPHA-1 FETOPROTEIN IN MAMMALIAN HEPATOMAS AND GROWTH	18,506
CA15222-01	SMITH, CAROL J	HEPATOMA ALPHA FETOPROTEIN: CHEMISTRY AND METABOLISM	35,591
ES00885-01	WEBB, GEORGE D	EFFECT OF INSECTICIDES ON CATION TRANSPORT AND ATPASE	25,684
INSTITUTION TOTAL	9	380,233	
CITY TOTAL	9	380,233	
PUTNEY			
EXPERIMENT IN INTERNATIONAL LIVING			
HD07881-01	BRANDT, VINCENT S	RURAL-URBAN MIGRATION AND ADAPTATION OF MIGRANTS	10,599
INSTITUTION TOTAL	1	10,599	
CITY TOTAL	1	10,599	
STATE TOTAL	10	390,832	
VIRGINIA			
BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
ES00863-01	KIRKPATRICK, ROY L	INTERACTIONS OF PCB'S, DENSITY AND NUTRITION	29,885

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	29,885	
CITY TOTAL	1	29,885	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HD08926-01	BLIZZARD, ROBERT M	STUDIES OF PITUITARY HORMONES AND HYPOPITUITARISM	49,000
HD08669-01	BODENSTEIN, DIETRICH	AGING, ITS RELATION TO CELL GROWTH AND DIFFERENTIATION	22,515
AM17523-01	CAREY, ROBERT M	ROLE OF GI TRACT IN CONTROL OF EXCRETION OF SODIUM	29,346
HL16935-01	DECK, J DAVID	TISSUE ORGANIZATION AND TURNOVER IN THE AORTIC VALVE	18,030
DE03975-01	HANSCOM, ROGER H	SUBSTITUTION FOR PHOSPHORUS IN CALCIUM APATITE	20,627
DE03965-01	JOHNSON, LEWIS B	COMPOSITION CHANGES IN DENTAL ALLOY	31,936
DE03959-01	LAWLESS, KENNETH R	ELECTRON OPTICAL STUDIES OF CARIOUS LESIONS IN ENAMEL	33,196
HL16812-01	LEE, JEN-SHIH	RESPIRATORY DISTRESS SYNDROME AND PULMONARY EDEMA	122,536
NS11793-01	LOGAN, WILLIAM J	NEUROTRANSMITTER INFLUENCE OF NEUROGLIA AND GLIOSIS	31,265
HL16555-01	MC CARTNEY, MICHAEL L	ENGINEERING DEVELOPMENT OF AN ULTRASONIC VENTILOMETER	40,222
AM15240-01A1	MC LAUGHLIN, ROBERT E	IMPROVEMENTS IN THE USE OF ACRYLIC CEMENT	41,410
GM21020-01	MILLER, OSCAR L, JR	ULSTRASTRUCTURAL STUDIES OF GENETIC ACTIVITY	90,000
GM20523-01	REBHUN, LIONEL I	CYCLIC AMP AND CONTROL OF DIVISION IN MAMMALIAN CELLS	32,448
RR00795-01	SOJKA, NICKOLAS J	UNIVERSITY OF VIRGINIA VIVARIUM IMPROVEMENT	67,000
AI11735-01A1	TAYLOR, RONALD P	QUANTITATIVE STUDIES OF BIOLOGICAL RECOGNITION	32,800
GM20607-01	WRIGHT, THEODORE R	THE GENETIC CONTROL OF MYOGENESIS IN DROSOPHILA	30,940
INSTITUTION TOTAL	16	693,271	
CITY TOTAL	16	693,271	
NORFOLK			
NORFOLK AREA MEDICAL CENTER--EASTERN VIRGINIA MEDICAL SCHOOL			
HL16766-01	CONRAD, MARGARET C	COMPENSATORY MECHANISMS IN PERIPHERAL VESSELS	15,000
INSTITUTION TOTAL	1	15,000	
CITY TOTAL	1	15,000	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
DE03866-01	ALLEN, EDWARD P	EFFECT OF SEX STEROIDS ON GINGIVAL GLYCOSAMINOGLYCANS	7,480
CA15615-01	BANKS, WILLIAM L, JR	EFFECTS OF HYDRAZINES ON RNA AND POLYAMINES	20,710
HL15829-01A1	FORD, GEORGE D	REGULATION OF VASCULAR SMOOTH MUSCLE CONTRACTILITY	18,128
EY01360-01	GEERAETS, RAGNIT	TERATOGENIC INDUCTION OF COLOBOMA	14,122
CA16193-01	MORAHAN, PAGE S	IMMUNOADJUVANTS FOR HERPES SIMPLEX	32,497
HL16643-01	ROSENBLUM, WILLIAM I	FLUOROCARBON EMULSIONS AS ARTIFICAL BLOOD	41,000
INSTITUTION TOTAL	6	133,937	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	6	133,937	
STATE TOTAL	24	872,093	
WASHINGTON			
PULLMAN			
WASHINGTON STATE UNIVERSITY			
HD07194-01	SCHROEDER, PAUL C	CELLULAR MECHANISMS IN OVULATION AND SPAWNING	23,288
HD07002-01	VON BROEMBSEN, MAX	CROSS-CULTURAL STUDY OF FERTILITY CONTROL	4,626
INSTITUTION TOTAL	2	27,914	
CITY TOTAL	2	27,914	
RICHLAND			
BATTELLE MEMORIAL INSTITUTE--PACIFIC NORTHWEST LABORATORIES			
RR00869-01	BAIR, WILLIAM J	STRENGTHENING A CENTRALIZED ANIMAL RESOURCES CENTER	52,519
INSTITUTION TOTAL	1	52,519	
CITY TOTAL	1	52,519	
SEATTLE			
BATTELLE MEMORIAL INSTITUTE--SEATTLE RESEARCH CENTER			
HD08515-01	GODWIN, ROBERT K	STUDY OF POPULATION EFFECTS ON LOCAL EXPENDITURES	15,380
INSTITUTION TOTAL	1	15,380	
UNIVERSITY OF WASHINGTON			
HL16550-01	AMORY, DAVID W	BLOOD FLOW DURING EXPERIMENTAL CARDIOGENIC SHOCK	78,809
AM16417-01A1	CAMERMAN, ARTHUR	STEREOCHEMISTRY OF THYROID HORMONES AND ANALOGUES	40,195
AI11641-01	DAVIS, STARKEY D	PSEUDOMONAS CHEMOTHERAPY: ANTAGONISM BY CATIONS	21,614
GM21340-01	DOERMANN, AUGUST H	MOLECULAR CONTROL OF CAPSID FORM IN BACTERIOPHAGE T4	78,342
AI12005-01	FOY, HJORDIS M	NON-BACTERIAL INFECTIONS IN OBSTETRICS	29,744
ES00819-01	GELLERT, RONALD J	PERINATAL MANIPULATION OF NEUROENDOCRINE DEVELOPMENT	36,076
HD08454-01	GUEST, AVERY M	STUDY OF PATTERNS OF PLACES TO LIVE AND WORK	14,688
HL15426-01	HORITA, AKIRA	STUDIES ON CARDIAC MONOAMINE OXIDASE	47,898
HL16830-01	HUNTSMAN, LEE L	NON-INVASIVE DETERMINATION OF AORTIC BLOOD VELOCITIES	43,292
CA16902-01	KELLER, JOHN M	BIOCHEMISTRY OF HERPES VIRUS-INDUCED CELL FUSION	37,100
AM17081-01	KERRICK, WALLACE G	CA+2 RELEASE FROM SARCOPLASMIC RETICULUM	61,439
CA15722-01	KIEHN, EDWARD D	VIRAL GENES IN MALIGNANT TRANSFORMATION	51,765
AM17578-01	LAGUNOFF, DAVID	STUDIES ON B-GLUCURONIDASE DEFICIENCY DISEASE	30,000
HD07895-01	MARTIN, JOAN C	CONSEQUENCE OF IN UTERO TREATMENT	46,664
NS10247-01A1	MINIFIE, FRED D	PHYSIOLOGICAL DYNAMICS DURING SPEECH PRODUCTION	132,733

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HL16759-01	MORITZ, WILLIAM E	ULTRASONIC MEASUREMENT OF CARDIAC GEOMETRY AND FLOW	31,232
GM20357-01A1	NELSON, WENDEL L	ABSOLUTE CONFIGURATION OF GLYCEROL DERIVATIVES	33,544
HL16805-01	ODLAND, GEORGE F	FUNCTIONAL-ULTRASTRUCTURAL STUDY OF MICROCIRCULATION	43,085
EY01285-01	PINTER, ROBERT B	QUANTITATIVE DETERMINATION OF RETINAL FUNCTION	47,719
HL16910-01	SCHER, ALLEN M	REGULATION OF THE PERIPHERAL CIRCULATION	443,125
CA15674-01	SCHMER, GOTTFRIED	CHEMICAL MODIFICATION OF ANTITUMOR ENZYMES	50,000
DE03802-01	SMITH, DALE E	NONBIOLOGIC IMPLANT SUPPORT FOR OVERDENTURES	16,657
HD07225-01A1	TOWNES, BRENDA D	BIRTH PLANNING: VALUES AND DECISIONS	41,929
AM16436-01	VINCENZI, FRANK F	RED BLOOD CELL CALCIUM IN HEALTH AND DISEASE	49,196
GM20784-01	WHITELEY, HELEN R	REGULATION OF RNA SYNTHESIS	95,462
AM17047-01	WILLIAMS, ROBERT H	DIABETES-ENDOCRINOLOGY RESEARCH CENTER	166,257
INSTITUTION TOTAL	26	1,768,565	
CITY TOTAL	27	1,783,945	
STATE TOTAL	30	1,864,378	
WEST VIRGINIA			
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
AM17664-01	BLAIR, JAMES B	HORMONAL REGULATION OF GLUCONEOGENESIS	23,312
HD07762-01	BUTCHER, ROY L	HORMONAL REGULATION OF LUTEAL FUNCTION AND REGRESSION	33,978
RR00853-01	KOHN, DENNIS F	SUPPORT FOR ANIMAL-CARE FACILITY	105,525
AM16612-01	MARTIN, R BRUCE	INVESTIGATION OF BIOELECTRIC PHENOMENA IN BONE	43,658
INSTITUTION TOTAL	4	206,473	
CITY TOTAL	4	206,473	
STATE TOTAL	4	206,473	
WISCONSIN			
EAU CLAIRE			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-EAU CLAIRE			
AM16449-01	NAWROT, CHARLES F	NUCLEATION OF CALCIFICATION BY HARD TISSUE COLLAGEN	22,671
INSTITUTION TOTAL	1	22,671	
CITY TOTAL	1	22,671	
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA13288-01A1	ALLEN, JAMES R	CARCINOGENIC POTENTIAL OF THE PYRROLIZIDINE ALKALOIDS	43,312

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
AI11926-01	AUERBACH, ROBERT	TOLERANCE TO HETEROLOGOUS ERYTHROCYTES	31,500
HD07186-01	BAWDEN, D LEE	ECONOMIC AND NON-ECONOMIC DETERMINANTS OF MIGRATION	25,315
NS11065-01A1	BUCKNER, CARL K	ANALYSIS OF SELECTIVITY OF BETA ADRENERGIC DRUGS	43,375
AM16440-01	BURKHOLDER, PETER M	CELLULAR SYNTHESIS OF COMPLEMENT COMPONENTS	40,471
ES00656-01	CHU, FUN S	INTERACTION OF MYCOTOXINS WITH MACROMOLECULES	21,786
EY01007-01	DE VENECIA, GUILLERMO	THE EYE IN MALIGNANT HYPERTENSION	54,183
AM17587-01	FAHIEN, LEONARD A	REGULATION OF MAMMALIAN AMINO ACID METABOLISM	27,595
AM15282-01A1	FITCH, WALTER M	STRUCTURAL-FUNCTIONAL-GENETIC RELATIONS OF HEME PROTEINS	13,852
CA15664-01	GOLDFARB, STANLEY	CHOLESTEROL METABOLISM IN HEPATIC NEOPLASMS	16,836
AM16277-01	GUTMANN, FRANK D	STUDY OF UNILATERALLY DISEASED KIDNEYS	40,958
AM16235-01	MAZESS, RICHARD B	BONE AND TISSUE GROWTH IN CHILDREN	28,193
GM20130-01	OPITZ, JOHN M	CLINICAL GENETICS RESEARCH CENTER	220,518
CA16156-01	PETERING, DAVID H	STUDY OF METAL CHEMISTRY OF THIOSEMICARBAZONES	62,855
HL16364-01	PORTER, JOHN W	REGULATION OF LIPID BIOSYNTHESIS AND TRANSPORT	54,420
LM02281-01	SCOTT, ALWYN C	CRITICAL REVIEW OF NEURON BIOPHYSICS	15,100
AM15893-01A1	SHRAGO, EARL	REGULATION OF LIPID METABOLISM IN HUMAN ADIPOSE TISSUE	28,853
NS11652-01	SIEGEL, FRANK L	CALCIUM-BINDING PROTEINS IN NERVOUS TISSUE	39,348
HD07385-01	STONE, WILLIAM H	IMMUNOGENETICS AND REPRODUCTION IN RHESUS MONKEYS	45,414
AM16435-01	WEN, SUNG-FENG	PHOSPHATE TRANSPORT IN REMNANT KIDNEY	20,222
NS11648-01	WERNER, JOAN K	INFLUENCE OF NEURONS UPON MUSCLE SPINDLE DEVELOPMENT	29,891
AI11232-01	WHITLOCK, HOWARD W, JR	BIOLOGICAL MODIFICATION OF THE ANSAMYCINS	64,530
INSTITUTION TOTAL	22	968,527	
CITY TOTAL	22	968,527	
MILWAUKEE			
MARQUETTE UNIVERSITY			
HD08279-01	PIACSEK, BELA E	EFFECT OF AGING ON THE CNS-PITUITARY-GONADAL AXIS	28,222
INSTITUTION TOTAL	1	28,222	
MEDICAL COLLEGE OF WISCONSIN			
HD07753-01	GIROTTI, ALBERT W	PHOTOCHEMISTRY OF THE BILIRUBIN-SERUM ALBUMIN COMPLEX	20,000
CA14232-01A1	HUSSA, ROBERT O	MECHANISM OF ACTINOMYCIN D-ENHANCED HCG SECRETION	87,177
CA16324-01	KINZIE, JEANNIE J	MODIFICATION OF HEPATIC RADIATION INJURY BY HEPARIN	32,650
GM19680-01	SANCES, ANTHONY, JR	NONINVASIVE EVALUATION OF TRAUMA PATIENTS	58,500
HL16560-01	TERRAGNO, NORBERTO A	UTERINE PROSTAGLANDINS AND CIRCULATORY REGULATION	77,448
INSTITUTION TOTAL	5	275,775	
CITY TOTAL	6	303,997	
STATE TOTAL	29	1,295,195	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WYCMING			
LARAMIE			
UNIVERSITY OF WYCMING			
GM20077-01	BARDEN, ROLAND E	AFFINITY LABELS FOR ACYL-COA UTILIZING ENZYMES	18,380
GM20326-01	KAISER, IVAN I	EFFECTS OF 5-FLUOROURACIL AND 2-THIOURACIL ON RNA	28,945
INSTITUTION TOTAL	2	47,325	
CITY TOTAL	2	47,325	
STATE TOTAL	2	47,325	
PUERTO RICO			
MAYAGUEZ			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO AT MAYAGUEZ			
RR08103-01	FELIU-OTERO, LUIS A	SUPPORT FOR STUDY OF BIOMEDICAL SCIENCES	145,673
INSTITUTION TOTAL	1	145,673	
CITY TOTAL	1	145,673	
SAN JUAN			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS			
AM17750-01	ALVARADO, FRANCISCO	FUNCTIONAL ORGANIZATION OF THE INTESTINAL BRUSH BORDER	26,850
INSTITUTION TOTAL	1	26,850	
CITY TOTAL	1	26,850	
STATE TOTAL	2	172,523	
VIRGIN IS (US)			
CHARLOTTE AMALIE			
COLLEGE OF THE VIRGIN ISLANDS			
RR08100-01	CARON, AIMERY P	BIOMEDICAL COMPOUNDS FROM THE CARIBBEAN FLORA AND FAUNA	125,462
INSTITUTION TOTAL	1	125,462	
CITY TOTAL	1	125,462	
STATE TOTAL	1	125,462	
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY			
NS11522-01	FELDMAN, SHAUL	NEURAL-CORTICOSTEROID INTERACTION AND BRAIN FUNCTION	28,270

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY			
DE03884-01	SCIAKY, INO	CLINICAL EVALUATION OF AMALGAM RESTORATIONS	17,540
INSTITUTION TOTAL	2	45,810	
CITY TOTAL	2	45,810	
STATE TOTAL	2	45,810	
NETHERLANDS			
LEIDEN			
STATE UNIVERSITY OF LEIDEN			
ES01027-01	SCBELS, FREDERIK H	INDUCTION OF GENETIC DAMAGE BY CHEMICAL MUTAGENS	95,300
INSTITUTION TOTAL	1	95,300	
CITY TOTAL	1	95,300	
STATE TOTAL	1	95,300	
UNITED KINGDOM			
MANCHESTER			
UNIVERSITY OF MANCHESTER			
CA15553-01	TAYLOR, GEOFFREY	TUMOR-SPECIFIC IMMUNITY IN BLADDER CANCER	36,985
INSTITUTION TOTAL	1	36,985	
CITY TOTAL	1	36,985	
STATE TOTAL	1	36,985	
TOTAL	1,448	77,965,332	

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NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
LA JOLLA				
SCRIPPS CLINIC AND RESEARCH FOUNDATION				
CB43874-00	FELDMAN, JOSEPH D		ROLE OF CIRCULATING TUMOR ANTIGENS IN IMMUNOTHERAPY	114,689
INSTITUTION TOTAL	1	114,689		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
CP43298-00	FRIEDMANN, THEODORE		STUDY OF REGULATORY PROTEINS IN ONCOGENIC VIRUSES	49,000
INSTITUTION TOTAL	1	49,000		
CITY TOTAL	2	163,689		
LOS ANGELES				
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY-UNIV OF SO CALIFORNIA MED CTR				
HD42823-00	HODGMAN, JOAN E		STUDY OF PHOTOGRAPHY FOR NEONATAL HYPERBILIRUBINEMIA	124,900
INSTITUTION TOTAL	1	124,900		
UNIVERSITY OF SOUTHERN CALIFORNIA				
HV42931-00	MARMORSTON, JESSIE		STUDY OF CORONARY HEART DISEASE	397,522
INSTITUTION TOTAL	1	397,522		
ZEITLIN AND VER BRUGGS BOOKSELLERS				
LM44722-00	NOT APPLICABLE		PURCHASE OF RARE MEDICAL BOOK	3,750
INSTITUTION TOTAL	1	3,750		
CITY TOTAL	3	526,172		
MENLO PARK				
STANFORD RESEARCH INSTITUTE				
HD42832-00	DAWSON, MARCIA I		SYNTHESIS OF PROSTAGLANDIN SYNTHETASE INHIBITORS	99,710
AI42519-00	DEGRAW, J I		SUPPLY OF ANTILEPROTIC COMPOUND	3,267
HD42833-00	STOLZENBERG, SIDNEY J		PURIFICATION OF EXTRACTS OF P. DODECANDRA	45,588
INSTITUTION TOTAL	3	148,565		
CITY TOTAL	3	148,565		
OAKLAND				
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE				
CP43283-00	FRIEDMAN, GARY D		STUDY OF TIME TRENDS IN MATERNAL X-RAY EXPOSURES	38,260
INSTITUTION TOTAL	1	38,260		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
OAKLAND			
SAMUEL MERRITT HOSPITAL			
CN45068-00	SCHWEITZER, ROBERT J	SCREENING FOR EARLY DETECTION OF CANCER OF THE BREAST	142,007
INSTITUTION TOTAL	1	142,007	
CITY TOTAL	2	180,267	
PALO ALTO			
PALO ALTO MEDICAL RESEARCH FOUNDATION			
CB43873-00	KRAHENBUHL, JAMES L	ROLE OF MACROPHAGES IN THE IMMUNE RESPONSE	116,412
INSTITUTION TOTAL	1	116,412	
CITY TOTAL	1	116,412	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
CP43306-00	DAVIDSON, NORMAN	EM STUDY OF TUMOR-VIRUS NUCLEIC ACIDS	188,052
CB43875-00	DREYER, WILLIAM J	DEVELOPMENT OF ANTISERA AND ANTIBODIES	95,730
INSTITUTION TOTAL	2	283,782	
CITY TOTAL	2	283,782	
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CP43239-00	MARTIN, DAVID W, JR	PROPAGATION OF MUTANT SOMATIC CELLS	99,995
LM44710-00	NOT APPLICABLE	PREPARATION OF SELF-INSTRUCTIONAL CARDIOLOGY TAPES	49,014
INSTITUTION TOTAL	2	149,009	
CITY TOTAL	2	149,009	
STANFORD			
STANFORD UNIVERSITY			
CB43941-00	MC DEVITT, HUGH O	SUPPLY OF MICE	122,000
INSTITUTION TOTAL	1	122,000	
CITY TOTAL	1	122,000	
STATE TOTAL	16	1,689,896	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
COLORADO				
DENVER				
UNIVERSITY OF COLORADO MEDICAL CENTER				
HD42845-00	NORA, JAMES J		EVALUATION OF EFFECT OF CONTRACEPTIVE AGENTS	55,434
INSTITUTION TOTAL	1	55,434		
CITY TOTAL	1	55,434		
STATE TOTAL	1	55,434		
CONNECTICUT				
NEW HAVEN				
PLANNED PARENTHOOD LEAGUE OF CONNECTICUT				
HD42809-00	PRUETT, KENNETH		CLINICAL STUDY OF POSTCOITAL CONTRACEPTIVE AGENTS	132,342
INSTITUTION TOTAL	1	132,342		
CITY TOTAL	1	132,342		
STATE TOTAL	1	132,342		
DIST OF COL				
WASHINGTON				
GEORGETOWN UNIVERSITY				
CM43732-00	KATZ, EDWARD		PREPARATION OF ACTINOMYCIN ANALOGS	43,954
INSTITUTION TOTAL	1	43,954		
HOWARD UNIVERSITY				
CP43287-00	FUNDERBURK, WILLIAM W		STUDY OF DIAGNOSIS OF CANCER OF THE BREAST	29,483
INSTITUTION TOTAL	1	29,483		
PRACTICAL CONCEPTS				
LM44705-00	NOT APPLICABLE		EVALUATION OF MEDICAL TV NETWORK	95,728
INSTITUTION TOTAL	1	95,728		
U.S. SMALL BUSINESS ADMINISTRATION				
CM43719-00	TING, ROBERT C		SUPPORTIVE SERVICES IN VIROLOGY AND TISSUE CULTURE	77,872
INSTITUTION TOTAL	1	77,872		
CITY TOTAL	4	247,037		
STATE TOTAL	4	247,037		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
FLORIDA				
MIAMI				
FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES--DADE COUNTY HEALTH DEPARTMENT				
HV42933-00	SASLAN, MILTON S		STUDY OF MULTIPLE-RISK FACTOR IN CORONARY HEART DISEASE	295,683
INSTITUTION TOTAL	1	295,683		
UNIVERSITY OF MIAMI				
CP43358-00	SIGEL, MICHAEL M		IMMUNOLOGICAL STUDY OF CARCINOMA OF THE BREAST	105,295
INSTITUTION TOTAL	1	105,295		
CITY TOTAL	2	400,978		
STATE TOTAL	2	400,978		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
CB43887-00	HERSH, THEODORE		EVALUATION OF ASSAYS OF ASSOCIATED ANTIGENS	47,965
HD42837-00	PREEDY, JOHN R		STUDY OF ESTROGEN AND PROGESTERONE PROTEIN RECEPTORS	108,782
CB43888-00	VOGEL, CHARLES L		EVALUATION OF ASSAYS OF ASSOCIATED ANTIGENS	17,758
INSTITUTION TOTAL	3	174,505		
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY				
HR42939-00	POWERS, JAMES C		SYNTHESIS OF ELASTASE INHIBITORS	28,000
INSTITUTION TOTAL	1	28,000		
CITY TOTAL	4	202,505		
STATE TOTAL	4	202,505		
ILLINOIS				
CHICAGO				
AMERICAN DENTAL ASSOCIATION				
DE32419-00	STEFFEK, ANTHONY J		SCANNING-EM STUDY OF MIGRATING EMBRYONIC CELLS	18,420
INSTITUTION TOTAL	1	18,420		
ILLINOIS INSTITUTE OF TECHNOLOGY				
HD42836-00	GRAY, ALLAN P		SYNTHESIS OF ANTIFERTILITY COMPOUNDS	14,881
CM43755-00	SHEFNER, ALAN		SERVICES IN SUPPORT OF DRUG-SCREENING PROGRAM	116,058
INSTITUTION TOTAL	2	130,939		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS				
CHICAGO				
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER--RUSH UNIVERSITY				
HV42930-00	SCHOENBERGER, JAMES A		STUDY OF CORONARY HEART DISEASE	377,360
INSTITUTION TOTAL	1	377,360		
CITY TOTAL	4	526,719		
JOLIET				
AMERICAN ASSOCIATION FOR ACCREDITATION OF LABORATORY ANIMAL CARE				
RR42153-00	GARVEY, JOSEPH J		ACCREDITATION PROGRAM FOR CARE OF LABORATORY ANIMALS	5,000
INSTITUTION TOTAL	1	5,000		
CITY TOTAL	1	5,000		
NORTH CHICAGO				
ABBOTT LABORATORIES				
CM43704-00	BARLOW, G H		STUDY OF HUMAN GRANULOCYTE CONDITIONING FACTOR	130,848
INSTITUTION TOTAL	1	130,848		
CITY TOTAL	1	130,848		
STATE TOTAL	6	662,567		
IOWA				
DES MOINES				
IOWA LUTHERAN HOSPITAL				
CN45067-00	YOUNG, DONALD C		SCREENING FOR EARLY DETECTION OF CANCER	122,366
INSTITUTION TOTAL	1	122,366		
CITY TOTAL	1	122,366		
STATE TOTAL	1	122,366		
KENTUCKY				
LOUISVILLE				
UNIVERSITY OF LOUISVILLE				
CN45059-00	CHRISTOPHERSON, WILLIAM M		EVALUATION OF MASS SCREENING FOR UTERINE CANCER	39,693
INSTITUTION TOTAL	1	39,693		
CITY TOTAL	1	39,693		
STATE TOTAL	1	39,693		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
CM43718-00	HUMPHREY, RICHARD L		DEVELOPMENT OF METHOD FOR ENUMERATION OF TUMOR CELLS	43,957
INSTITUTION TOTAL	1	43,957		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS				
CM43748-00	WENTZ, DENNIS K		SUPPORT FOR MEDICAL AND LABORATORY PROGRAMS	2,553,000
INSTITUTION TOTAL	1	2,553,000		
CITY TOTAL	2	2,596,957		
BETHESDA				
LITTON INDUSTRIES, INC.--LITTON BIONETICS				
AM42208-00	NOT APPLICABLE		SUPPLY OF ANTITHYROID SUBSTANCES	26,085
INSTITUTION TOTAL	1	26,085		
CITY TOTAL	1	26,085		
ROCKVILLE				
ENVIRO CONTROL				
HO42936-00	SPREY, P M		SUPPORT SERVICES FOR CONFERENCES AND WORKSHOPS	191,500
INSTITUTION TOTAL	1	191,500		
TRACOR, INC.--JOHN I. THOMPSON & COMPANY				
CP43350-00	WESSELL, CARL		BIOASSAY OF CARCINOGENIC MATERIALS	3,724,222
INSTITUTION TOTAL	1	3,724,222		
WESTAT RESEARCH, INC.				
OD42160-00	JAFFE, SIDNEY		DEVELOPMENT OF PRICE DEFLATORS FOR BIOMEDICAL RESEARCH	34,177
INSTITUTION TOTAL	1	34,177		
CITY TOTAL	3	3,949,899		
STATE TOTAL	6	6,572,941		
MASSACHUSETTS				
BOSTON				
CHILDREN'S CANCER RESEARCH FOUNDATION				
CP43269-00	FOLEY, GEORGE E		ISOLATION OF TYPE-C VIRUS FROM CULTURED LEUKEMIC CELLS	174,900
INSTITUTION TOTAL	1	174,900		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS				
BOSTON				
HARVARD UNIVERSITY				
CP43299-00	BENJAMIN, THOMAS L		GENETIC AND BIOCHEMICAL STUDY OF CELLS AND VIRUSES	133,000
CB43942-00	VALLEE, BERT L		STUDY OF TUMOR ANGIOGENIC FACTOR	172,307
INSTITUTION TOTAL	2	305,307		
CITY TOTAL	3	480,207		
CAMBRIDGE				
JOHN C. SHEEHAN INSTITUTE FOR RESEARCH				
HD42831-00	PARS, HARRY G		SYNTHESIS OF RING-C AROMATIC STEROIDS	72,871
INSTITUTION TOTAL	1	72,871		
CITY TOTAL	1	72,871		
WALTHAM				
THERMO ELECTRON CORPORATION				
HV42910-00	KEISER, JOHN		DEVELOPMENT OF CARDIAC-ASSIST DEVICES	574,172
INSTITUTION TOTAL	1	574,172		
CITY TOTAL	1	574,172		
STATE TOTAL	5	1,127,250		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN				
CN45049-00	WHITEHOUSE, WALTER M		EARLY DETECTION OF CANCER OF THE BREAST	133,333
INSTITUTION TOTAL	1	133,333		
CITY TOTAL	1	133,333		
DETROIT				
PARKE, DAVIS & COMPANY				
CM43754-00	DION, H W		SUPPLY OF NEW ANTINEOPLASTIC DRUGS	527,130
INSTITUTION TOTAL	1	527,130		
CITY TOTAL	1	527,130		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MICHIGAN			
KALAMAZOO			
UPJOHN COMPANY			
CM43753-00	NEIL, GARY L	SUPPLY OF ANTINEOPLASTIC ANTIBIOTICS	346,275
INSTITUTION TOTAL	1	346,275	
CITY TOTAL	1	346,275	
STATE TOTAL	3	1,006,738	
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
CM43715-00	HAHN, RICHARD G	THERAPY OF PATIENTS WITH TESTICULAR CARCINOMA	36,150
INSTITUTION TOTAL	1	36,150	
CITY TOTAL	1	36,150	
STATE TOTAL	1	36,150	
MISSISSIPPI			
UNIVERSITY			
UNIVERSITY OF MISSISSIPPI			
CP43347-00	BAKER, JOHN K	DEVELOPMENT OF N-NITROSO COMPOUNDS	17,209
INSTITUTION TOTAL	1	17,209	
CITY TOTAL	1	17,209	
STATE TOTAL	1	17,209	
MISSOURI			
KANSAS CITY			
MIDWEST RESEARCH INSTITUTE			
ES42161-00	MINOR, JAN J	STUDY OF TERATOLOGY OF THIOXANTHONE DERIVATIVES	52,054
HD42835-00	PAULL, KENNETH D	SYNTHESIS OF ANTIFERTILITY COMPOUNDS	31,634
INSTITUTION TOTAL	2	83,688	
CITY TOTAL	2	83,688	
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
CB43872-00	LITTLE, J RUSSELL	STUDY OF IMMUNOLOGICAL PROPERTIES	65,000
INSTITUTION TOTAL	1	65,000	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	65,000		
STATE TOTAL	3	148,688		
NEW JERSEY				
FREEHOLD				
RAYCOMM INDUSTRIES				
LM44715-00	NOT APPLICABLE		MAINTENANCE SERVICES FOR ELECTRONIC EQUIPMENT	32,796
INSTITUTION TOTAL	1	32,796		
CITY TOTAL	1	32,796		
NEW BRUNSWICK				
RUTGERS UNIVERSITY				
AI42509-00	SIMPSON, ROBERT W		STUDY OF INFLUENZA TEMPERATURE-SENSITIVE MUTANTS	86,008
INSTITUTION TOTAL	1	86,008		
CITY TOTAL	1	86,008		
PISCATAWAY				
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL				
HV42929-00	GOTTLIEB, MARISE S		STUDY OF CORONARY HEART DISEASE	456,008
INSTITUTION TOTAL	1	456,008		
CITY TOTAL	1	456,008		
THOROFARE				
AMERICAN GASTROENTEROLOGICAL ASSOCIATION				
LM44707-00	NOT APPLICABLE		DEVELOPMENT OF LECTURES ON INTESTINAL FUNCTION	6,000
INSTITUTION TOTAL	1	6,000		
CITY TOTAL	1	6,000		
STATE TOTAL	4	580,812		
NEW MEXICO				
ALBUQUERQUE				
UNIVERSITY OF NEW MEXICO				
CN45071-00	JORDON, SCOTT W		SCREENING FOR EARLY DETECTION OF CANCER OF THE BREAST	79,488
INSTITUTION TOTAL	1	79,488		
CITY TOTAL	1	79,488		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	1	79,488	
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
HD42825-00	JACOBSON, HERBERT I	STUDY OF SEX-HORMONE RECEPTORS IN THE CERVIX	82,400
INSTITUTION TOTAL	1	82,400	
CITY TOTAL	1	82,400	
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CM43714-00	MERRIN, CLAUDE E	STUDY OF THERAPY FOR PATIENTS WITH TESTICULAR CARCINOMA	88,410
CN45073-00	MIRAND, EDWIN A	TELEPHONE SYSTEM FOR CANCER PUBLIC INFORMATION	119,210
INSTITUTION TOTAL	2	207,620	
CITY TOTAL	2	207,620	
NEW HYDE PARK			
LONG ISLAND JEWISH-HILLSIDE MEDICAL CENTER			
HD42821-00	LIPSITZ, PHILIP	STUDY OF PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA	38,537
INSTITUTION TOTAL	1	38,537	
CITY TOTAL	1	38,537	
NEW YORK			
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
CM43716-00	GOLBEY, ROBERT B	STUDY OF THERAPY FOR PATIENTS WITH TESTICULAR CARCINOMA	57,487
INSTITUTION TOTAL	1	57,487	
NEW YORK MEDICAL COLLEGE			
HD42847-00	FREUND, MATTHEW	STUDY OF DYNAMICS OF SPERM TRANSPORT	64,357
INSTITUTION TOTAL	1	64,357	
YESHIVA UNIVERSITY			
HD42822-00	GARTNER, LAWRENCE M	STUDY OF PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA	83,026
INSTITUTION TOTAL	1	83,026	
CITY TOTAL	3	204,870	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NEW YORK				
SYRACUSE				
ASSOCIATION OF PATHOLOGY CHAIRMEN				
LM44706-00	HILL, ROLLA B		PREPARATION OF SELF-INSTRUCTIONAL PATHOLOGY TAPES	37,692
INSTITUTION TOTAL		1	37,692	
CITY TOTAL		1	37,692	
VALHALLA				
NEW YORK MEDICAL COLLEGE				
HD42824-00	SHULMAN, SIDNEY		STUDY OF IMMUNOGLOBULINS IN THE CERVICAL MUCUS	61,217
INSTITUTION TOTAL		1	61,217	
CITY TOTAL		1	61,217	
STATE TOTAL		9	632,336	
NORTH CAROLINA				
RESEARCH TRIANGL				
RESEARCH TRIANGLE INSTITUTE				
HD42830-00	PITT, COLIN G		SYNTHESIS OF ANTIPROGESTATIONAL AGENTS	121,576
INSTITUTION TOTAL		1	121,576	
CITY TOTAL		1	121,576	
WINSTON-SALEM				
WAKE FOREST UNIVERSITY				
NS42304-00	BARNES, RALPH W		STUDY OF ULTRASOUND TECHNIQUES FOR CEREBRAL DISORDERS	169,274
INSTITUTION TOTAL		1	169,274	
CITY TOTAL		1	169,274	
STATE TOTAL		2	290,850	
OHIO				
CINCINNATI				
UNIVERSITY OF CINCINNATI				
HD42818-00	SUTHERLAND, JAMES M		STUDY OF NEONATAL HYPERBILIRUBINEMIA	65,343
INSTITUTION TOTAL		1	65,343	
CITY TOTAL		1	65,343	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
OHIO				
COLUMBUS				
BATTELLE MEMORIAL INSTITUTE				
CM43746-00	FOLK, ROGER M		STUDY OF TOXICOLOGY OF COMPOUNDS	1,773,947
INSTITUTION TOTAL	1	1,773,947		
OHIO STATE UNIVERSITY				
CB43878-00	LO BUGLIO, ALBERT F		STUDY OF TRANSFER-FACTOR IMMUNOTHERAPY	133,323
INSTITUTION TOTAL	1	133,323		
CITY TOTAL	2	1,907,270		
STATE TOTAL	3	1,972,613		
OKLAHOMA				
OKLAHOMA CITY				
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER				
CB43869-00	HABERMAN, JOANN D		DEVELOPMENT OF INFRARED SCANNING SYSTEM	234,000
INSTITUTION TOTAL	1	234,000		
CITY TOTAL	1	234,000		
STATE TOTAL	1	234,000		
OREGON				
CORVALLIS				
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY				
CP43348-00	BILLS, D D		DEVELOPMENT OF N-NITROSO COMPOUNDS	54,020
INSTITUTION TOTAL	1	54,020		
CITY TOTAL	1	54,020		
STATE TOTAL	1	54,020		
PENNSYLVANIA				
HERSHEY				
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER				
HD42817-00	NAEYE, RICHARD L		ROLE OF ALVEOLAR HYPOVENTILATION IN SUDDEN INFANT DEATH	49,800
INSTITUTION TOTAL	1	49,800		
CITY TOTAL	1	49,800		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA				
PHILADELPHIA				
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA				
CP43304-00	CRAIG, PAUL		SURVEY OF SUBSCRIBERS TO CARCINOGENESIS ABSTRACTS	7,223
CP43301-00	CRAIG, PAUL		EPIDEMIOLOGICAL STUDY OF CANCER	4,172
CP43303-00	CRAIG, PAUL		REVIEW OF LITERATURE ON ACTIVE SUBSTANCES OF THYROID	3,003
CP43294-00	CRAIG, PAUL		REVIEW OF LITERATURE ON HORMONES AND ORAL CONTRACEPTIVES	5,701
CP43302-00	CRAIG, PAUL		REVIEW OF CARCINOGENIC BIOASSAY STUDIES	10,300
CP43376-00	CRAIG, PAUL		REVIEW OF LITERATURE ON METABOLISM OF DRUGS	5,450
CP43305-00	CRAIG, PAUL		REVIEW OF LITERATURE ON NITROSAMINES	16,621
CP45601-00	CRAIG, PAUL		REVIEW OF LITERATURE ON CHEMICAL COMPOUNDS	4,723
INSTITUTION TOTAL	8	57,193		
MEDICAL COLLEGE OF PENNSYLVANIA				
CP43319-00	ZAJAC, BARBARA A		SUPPLY OF EB VIRUS-ASSOCIATED ANTIGENS	69,510
INSTITUTION TOTAL	1	69,510		
UNIVERSITY OF PENNSYLVANIA				
HD42838-00	WOLF, DON P		STUDY OF HUMAN CERVICAL MUCUS	62,676
INSTITUTION TOTAL	1	62,676		
CITY TOTAL	10	189,379		
PITTSBURGH				
UNIVERSITY OF PITTSBURGH				
CN45065-00	FISHER, BERNARD		SCREENING FOR EARLY DETECTION OF CANCER OF THE BREAST	133,762
INSTITUTION TOTAL	1	133,762		
CITY TOTAL	1	133,762		
STATE TOTAL	12	372,941		
SOUTH CAROLINA				
COLUMBIA				
UNIVERSITY OF SOUTH CAROLINA				
HV42932-00	GIESE, WARREN K		STUDY OF CORONARY HEART DISEASE	438,926
INSTITUTION TOTAL	1	438,926		
CITY TOTAL	1	438,926		
STATE TOTAL	1	438,926		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
AI42510-00	WEBSTER, ROBERT G	SUPPLY OF POLYPEPTIDE ANTIGENS OF INFLUENZA VIRUS	38,547
INSTITUTION TOTAL	1	38,547	
CITY TOTAL	1	38,547	
STATE TOTAL	1	38,547	
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CN45051-00	HEALEY, JOHN E, JR	DEVELOPMENT OF CANCER TRAINING PROGRAMS FOR THERAPISTS	159,949
INSTITUTION TOTAL	1	159,949	
CITY TOTAL	1	159,949	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
HD42834-00	RAO, P NARASIMHA	SYNTHESIS OF CORTICOSTEROIDS AS ANTIFERTILITY AGENTS	102,000
INSTITUTION TOTAL	1	102,000	
CITY TOTAL	1	102,000	
STATE TOTAL	2	261,949	
UTAH			
SALT LAKE CITY			
ASSOCIATION OF PROFESSORS OF GYNECOLOGY AND OBSTETRICS			
LM44717-00	NOT APPLICABLE	GENERAL SUPPORT SERVICES	32,800
INSTITUTION TOTAL	1	32,800	
CITY TOTAL	1	32,800	
STATE TOTAL	1	32,800	
VIRGINIA			
ARLINGTON			
JRB ASSOCIATES			
HO42935-00	HARRIS, ROBERT	SUPPORT SERVICES FOR NATIONAL HEART PLAN	207,030
INSTITUTION TOTAL	1	207,030	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL		1 207,030		
VIRGINIA				
HERNDON				
EXPERIMENTAL PATHOLOGY LABORATORIES				
CP43300-00	BUSEY, WILLIAM		PATHOLOGY SUPPORT SERVICES	90,996
INSTITUTION TOTAL		1 90,996		
CITY TOTAL		1 90,996		
MCLEAN				
HARLESS PERFORMANCE GUILD				
LM44716-00	NOT APPLICABLE		PREPARATION OF SELF-INSTRUCTIONAL MATERIAL FOR WORKSHOPS	59,804
INSTITUTION TOTAL		1 59,804		
CITY TOTAL		1 59,804		
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
CB43877-00	KAPLAN, ALAN M		STUDY OF MECHANISM OF ACTION OF IMMUNOPOTENTIATORS	89,800
HD42820-00	MAYER, HAROLD		STUDY OF PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA	70,737
INSTITUTION TOTAL		2 160,537		
CITY TOTAL		2 160,537		
SPRINGFIELD				
MELOY LABORATORIES				
CP43263-00	GILLETTE, R		BIOASSAY OF MAMMARY TUMOR VIRUSES	400,053
INSTITUTION TOTAL		1 400,053		
CITY TOTAL		1 400,053		
VIENNA				
ENVIRONMENTAL SCIENCES CORPORATION--HAZLETON LABORATORIES				
DE42434-00	BOYD, DALE C		STUDY OF IMMUNIZATION TO CARIES	314,300
INSTITUTION TOTAL		1 314,300		
CITY TOTAL		1 314,300		
STATE TOTAL		7 1,232,720		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HD42826-00	BLANDAU, RICHARD J	STUDY OF SPERM TRANSPORT THROUGH CERVICAL MUCUS	53,955
CN45039-00	LEHMANN, JUSTUS F	SUPPORT FOR CANCER REHABILITATION FACILITY	187,346
INSTITUTION TOTAL	2	241,301	
CITY TOTAL	2	241,301	
STATE TOTAL	2	241,301	
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
AI42514-00	GROSSBERG, SIDNEY E	SUPPLY OF INTERFERONS AS STANDARD REFERENCE REAGENTS	46,749
INSTITUTION TOTAL	1	46,749	
CITY TOTAL	1	46,749	
STATE TOTAL	1	46,749	
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY			
HD42853-00	HARLAP, SUSAN	STUDY OF EFFECT OF ORAL CONTRACEPTIVES	30,480
INSTITUTION TOTAL	1	30,480	
CITY TOTAL	1	30,480	
STATE TOTAL	1	30,480	
JAPAN			
OSAKA			
OSAKA CITY UNIVERSITY			
AM42203-00	TOKUYAMA, TAKASHI	STUDY OF STRUCTURE OF ALKALOIDS	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	
STATE TOTAL	1	5,000	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NETHERLANDS			
RIJSWIJK			
NETHERLANDS CENTRAL ORGANIZATION TNO			
CM43628-00	BENTVELZEN, PETER A	STUDY OF RELEASE OF RNA TUMOR VIRUSES	122,500
INSTITUTION TOTAL	1	122,500	
CITY TOTAL	1	122,500	
STATE TOTAL	1	122,500	
SWITZERLAND			
GENEVA			
INTERNATIONAL UNION AGAINST CANCER			
CO45414-00	DELAFRESNAYE, J F	ADVISORY SERVICES FOR NCI INTERNATIONAL PROGRAMS	347,000
INSTITUTION TOTAL	1	347,000	
CITY TOTAL	1	347,000	
STATE TOTAL	1	347,000	
UNITED KINGDOM			
LONDON			
UNIVERSITY OF LONDON			
CM43736-00	CONNORS, THOMAS A	DEVELOPMENT OF SYSTEM FOR COLLECTING ANTICANCER AGENTS	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	1	20,000	
TOTAL	108	19,496,826	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
ALABAMA				
TUSKEGEE INSTITUTE				
TUSKEGEE INSTITUTE				
GM02264-01	BOWIE, WALTER C		HEALTH RELATED SCIENCES	128,825
INSTITUTION TOTAL	1	128,825		
CITY TOTAL	1	128,825		
STATE TOTAL	1	128,825		
ARKANSAS				
LITTLE ROCK				
UNIVERSITY OF ARKANSAS MEDICAL CENTER				
CA08163-01	WESTBROOK, KENT C		UAMC CLINICAL CANCER TRAINING PROGRAM	96,768
INSTITUTION TOTAL	1	96,768		
CITY TOTAL	1	96,768		
STATE TOTAL	1	96,768		
CALIFORNIA				
BERKELEY				
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY				
CA05302-01	WINKELSTEIN, WARREN, JR		TRAINING PROGRAM FOR CANCER EPIDEMIOLOGY	73,311
INSTITUTION TOTAL	1	73,311		
CITY TOTAL	1	73,311		
LA JOLLA				
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
GM02267-01	MAYER, STEVEN E		PHARMACOLOGY	113,946
INSTITUTION TOTAL	1	113,946		
CITY TOTAL	1	113,946		
LOMA LINDA				
LOMA LINDA UNIVERSITY				
HL06013-01	JUDKINS, MELVIN P		CARDIOVASCULAR TRAINING PROGRAM	83,739
INSTITUTION TOTAL	1	83,739		
CITY TOTAL	1	83,739		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA				
PASADENA				
CALIFORNIA INSTITUTE OF TECHNOLOGY				
EY00085-01	FENDER, DEREK H		BIOLOGICAL SYSTEMS ANALYSIS OF THE VISUAL PROCESS	24,450
INSTITUTION TOTAL	1	24,450		
CITY TOTAL	1	24,450		
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
EY00094-01	OSTLER, HOWARD B		OCULAR INFLAMMATORY DISEASES	99,052
CA05303-01	PATT, HARVEY M		RESEARCH IN EXPERIMENTAL ONCOLOGY	68,325
INSTITUTION TOTAL	2	167,377		
CITY TOTAL	2	167,377		
STANFORD				
STANFORD UNIVERSITY				
CA05289-01	ROSENBERG, SAUL A		INVESTIGATIVE ONCOLOGY	102,794
INSTITUTION TOTAL	1	102,794		
CITY TOTAL	1	102,794		
STATE TOTAL	7	565,617		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
NS05768-01	COHEN, MELVIN J		NEUROBIOLOGY	84,312
GM02299-01	RUDDLE, FRANK H		GENETICS	97,722
INSTITUTION TOTAL	2	182,034		
CITY TOTAL	2	182,034		
STATE TOTAL	2	182,034		
GEORGIA				
AUGUSTA				
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA				
CA08164-01	KOLAS, STEVE		CLINICAL CANCER TRAINING (DENTAL)	22,273
INSTITUTION TOTAL	1	22,273		
CITY TOTAL	1	22,273		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
STATE TOTAL	1	22,273		
ILLINOIS				
CHICAGO				
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER				
CA05291-01	DRAY, SHELDON		MOLECULAR AND CELLULAR ONCOLOGY	69,230
INSTITUTION TOTAL	1	69,230		
CITY TOTAL	1	69,230		
STATE TOTAL	1	69,230		
KANSAS				
MANHATTAN				
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE				
HD00422-01	PITTENGER, THAD H		CELLULAR AND DEVELOPMENTAL BIOLOGY	45,240
INSTITUTION TOTAL	1	45,240		
CITY TOTAL	1	45,240		
STATE TOTAL	1	45,240		
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
HL06005-01	ROSENQUIST, GLENN C		PEDIATRIC CARDIOLOGY	81,569
INSTITUTION TOTAL	1	81,569		
CITY TOTAL	1	81,569		
STATE TOTAL	1	81,569		
MASSACHUSETTS				
BOSTON				
HARVARD UNIVERSITY				
CA08159-01	SHKLAR, GERALD		CLINICAL TRAINING PROGRAM IN ORAL CANCER	39,528
HL05998-01	SPEIZER, FRANK E		CLINICAL EPIDEMIOLOGY OF HEART AND LUNG DISEASE	175,880
INSTITUTION TOTAL	2	215,408		
MASSACHUSETTS EYE AND EAR INFIRMARY				
EY00089-01	CHYLACK, LEO T, JR		TRAINING IN OPHTHALMIC RESEARCH AND TRAINING	99,743
INSTITUTION TOTAL	1	99,743		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
PETER BENT BRIGHAM HOSPITAL			
CA08158-01A1	MOLONEY, WILLIAM C	CLINICAL CANCER	72,123
INSTITUTION TOTAL	1	72,123	
CITY TOTAL	4	387,274	
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
EY00090-01	LETTVIN, JEROME Y	STUDIES IN THE PHYSIOLOGY OF VISION	70,232
INSTITUTION TOTAL	1	70,232	
CITY TOTAL	1	70,232	
STATE TOTAL	5	457,506	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
LM00160-01A1	ACKERMAN, EUGENE	HEALTH COMPUTER SCIENCES	97,094
INSTITUTION TOTAL	1	97,094	
CITY TOTAL	1	97,094	
STATE TOTAL	1	97,094	
MISSOURI			
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
HL06008-01	LUBOWITZ, HERBERT	CARDIOVASCULAR-COAGULATION PROBLEMS IN NEPHROLOGY	51,132
INSTITUTION TOTAL	1	51,132	
WASHINGTON UNIVERSITY			
EY00092-01	COWAN, W MAXWELL	PROGRAM FOR TRAINING IN VISION RESEARCH	92,928
HD00379-01A1	WIEST, WALTER G	TRAINING IN REPRODUCTIVE BIOLOGY	88,751
INSTITUTION TOTAL	2	181,679	
CITY TOTAL	3	232,811	
STATE TOTAL	3	232,811	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
CA05270-01A1	HOLYOKE, EDWARD D		SURGICAL ONCOLOGY RESEARCH TRAINEESHIP	44,064
INSTITUTION TOTAL	1	44,064		
CITY TOTAL	1	44,064		
NEW YORK				
COLUMBIA UNIVERSITY				
HL06012-01	MELLINS, ROBERT B		PEDIATRIC PULMONARY DISEASE	114,085
INSTITUTION TOTAL	1	114,085		
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK				
HL06000-01	KUHNS, WILLIAM J		HEMATOLOGY	55,908
INSTITUTION TOTAL	1	55,908		
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER				
NS05773-01	AMASSIAN, VAHE E		NEUROPHYSIOLOGY	80,121
INSTITUTION TOTAL	1	80,121		
CITY TOTAL	3	250,114		
ROCHESTER				
UNIVERSITY OF ROCHESTER				
NS05750-01	ABOOD, LEO G		NEUROCHEMISTRY	46,867
EY00086-01	BROWN, JOHN L		VISUAL SCIENCES	59,373
INSTITUTION TOTAL	2	106,240		
CITY TOTAL	2	106,240		
STATE TOTAL	6	400,418		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
GM02286-01	WOLBARSHT, MYRON L		BIOMEDICAL ENGINEERING	34,408
INSTITUTION TOTAL	1	34,408		
CITY TOTAL	1	34,408		
STATE TOTAL	1	34,408		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
HL06009-01	MATTHEWS, LEROY W	PEDIATRIC PULMONARY DISEASE	105,533
INSTITUTION TOTAL	1	105,533	
CITY TOTAL	1	105,533	
COLUMBUS			
OHIO STATE UNIVERSITY			
LM00159-01	TRZEBIATOWSKI, GREGORY L	BIOMEDICAL COMPUTING AND INFORMATION PROCESSING	84,603
INSTITUTION TOTAL	1	84,603	
CITY TOTAL	1	84,603	
STATE TOTAL	2	190,136	
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM02165-01A1	WICKELGREN, WAYNE A	HUMAN EXPERIMENTAL PSYCHOLOGY	77,123
INSTITUTION TOTAL	1	77,123	
CITY TOTAL	1	77,123	
STATE TOTAL	1	77,123	
PENNSYLVANIA			
PHILADELPHIA			
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
GM02198-01A1	DEVLIN, THOMAS M	TRAINING PROGRAM IN CLINICAL BIOCHEMISTRY	74,342
INSTITUTION TOTAL	1	74,342	
INSTITUTE FOR CANCER RESEARCH			
CA08168-01	ENGSTROM, PAUL F	FOX CHASE CENTER: CLINICAL CANCER TRAINING PROGRAM	38,340
INSTITUTION TOTAL	1	38,340	
ST. CHRISTOPHER'S HOSPITAL FOR CHILDREN			
NS10072-01A2	GROVER, WARREN D	NEUROLOGY	54,083
INSTITUTION TOTAL	1	54,083	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
NS05769-01	SNOW, JAMES B, JR	OTOLARYNGOLOGY	91,979
INSTITUTION TOTAL	1	91,979	
CITY TOTAL	4	258,744	
STATE TOTAL	4	258,744	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
CA05296-01	KENNEY, FRANCIS T	TRAINING IN CARCINOGENESIS RESEARCH	104,490
INSTITUTION TOTAL	1	104,490	
CITY TOTAL	1	104,490	
NASHVILLE			
VANDERBILT UNIVERSITY			
CA05295-01	KAPLAN, ALBERT S	REGULATION OF CELL AND VIRUS GROWTH	43,113
INSTITUTION TOTAL	1	43,113	
CITY TOTAL	1	43,113	
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
CA05287-01	ANDREWS, GOULD A	AN INTERDISCIPLINARY TRAINING PROGRAM IN CANCER	62,919
INSTITUTION TOTAL	1	62,919	
CITY TOTAL	1	62,919	
STATE TOTAL	3	210,522	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
AI00462-01	KNOX, JOHN M	TRAINING GRANT IN VENEREOLOGY	42,375
INSTITUTION TOTAL	1	42,375	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
GM02237-01	SHAW, MARGERY W	MEDICAL GENETICS	51,180
INSTITUTION TOTAL	1	51,180	
CITY TOTAL	2	93,555	
STATE TOTAL	2	93,555	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HD00430-01	KONIGSBERG, IRWIN R	GRADUATE TRAINING IN DEVELOPMENTAL BIOLOGY	46,018
INSTITUTION TOTAL	1	46,018	
CITY TOTAL	1	46,018	
STATE TOTAL	1	46,018	
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
HL05949-01A1	LEMANN, JACOB, JR	RENAL PHYSIOLOGY, RENAL DISEASE AND HYPERTENSION	56,718
INSTITUTION TOTAL	1	56,718	
CITY TOTAL	1	56,718	
STATE TOTAL	1	56,718	
TOTAL	45	3,346,609	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
TW02077-01	BIRKEDAL-HANSEN, HENNING	MULTIDISCIPLINARY DENTISTRY	F05
GM56072-01	BROWN, GRACE L	PATHOLOGY	F14
TW02083-01	FLEMSTROM, GUNNAR F	BIOPHYSICS	F05
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
CA57198-01	MC MAHON, LEO J	IMMUNOLOGY	F03
GM57174-01	SEGEL, WILTRAUD	MICROBIOLOGY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
CA01837-01	MEEHAN, THOMAS D	BIOCHEMISTRY	F22
CA04034-01	PALZER, ROBERT J	BIOLOGY	F22
DE55459-01	SHIRLEY, FRANKLIN P	CLINICAL DENTISTRY	F02
CA04039-01	SUMMERTON, JAMES E	BIOCHEMISTRY	F22
GM57032-01	WARDEN, JOSEPH T	BIOPHYSICS	F02
INSTITUTION TOTAL	5		
CITY TOTAL	5		
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
HD57094-01	CARRIG, COLIN BRUCE	VETERINARY MEDICINE	F03
TW02053-01	KANERVA, LASSE O	ANATOMY	F05
TW02039-01	MOHANRAM, MAMIDI	BIOCHEMISTRY	F05
TW02069-01	ULYATT, MARCUS J	NUTRITION	F05
INSTITUTION TOTAL	4		
CITY TOTAL	4		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA04001-01	AXELROD, NANCY J	CELL BIOLOGY	F22
INSTITUTION TOTAL	1		
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
GM43617-01	BREHM, SYLVIA P	MICROBIOLOGY	F02
AI55156-01	DE HEER, DAVID H	MICROBIOLOGY	F02
GM55923-01	DEKKER, EUGENE E	MICROBIOLOGY	F03
INSTITUTION TOTAL	3		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
CA04021-01	GONENNE, AMNON	BIOCHEMISTRY	F22
TW02059-01	PAUS, POVEL N	CELL BIOLOGY	F05
HD51458-01	THOMPSON, LORIN R	GENETICS	F02
CA04036-01	TSENG, BEN Y	BIOCHEMISTRY	F22
INSTITUTION TOTAL	4		
CITY TOTAL	8		
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
GM55849-01	PESKOFF, ARTHUR	PHYSIOLOGY	F03
HD57101-01	RICH, KENNETH C	MICROBIOLOGY	F03
INSTITUTION TOTAL	2		
UNIVERSITY OF SOUTHERN CALIFORNIA			
HL57371-01	AURIEMMA, RICHARD A	ENGINEERING	F03
INSTITUTION TOTAL	1		
VETERANS ADMINISTRATION HOSPITAL-WADSWORTH			
TW02038-01	VERINE, HENRI J	GASTROENTEROLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	4		
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
GM55668-01	DOUVAS, ANGELINE S	GENETICS	F02

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
GM57079-01	KUBOTA, MITSURU	CHEMISTRY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
AM57210-01	ADELSON, JOEL W	PHYSIOLOGY	F03
AM57149-01	ADLER, RONALD D	GASTROENTEROLOGY	F03
NS02745-01	CHAPLIN, EDWARD R, JR	NEUROLOGY	F11
GM57053-01	ELIAS, PETER M	ANATOMY	F03
AM55823-01	LOPEZ, GENARO A	PHYSIOLOGY	F02
CA02196-01	ROSENBLUM, MARK L	PHARMACOLOGY	F22
TW02055-01	WEBER, THEODOR H		F05
INSTITUTION TOTAL	7		
UNIVERSITY OF THE PACIFIC			
GM58696-01	COHEN, JOEL A	BIOPHYSICS	F03
INSTITUTION TOTAL	1		
CITY TOTAL	8		
STANFORD			
STANFORD UNIVERSITY			
CA04031-01	GANEM, BRUCE	CHEMISTRY	F22
AM55815-01	HENDRICK, MICHAEL E	BIOCHEMISTRY	F02
CA04020-01	KLOEK, JAMES A	CHEMISTRY	F22
TW02022-01	LUBAS, BARBARA M	BIOPHYSICS	F05
GM55692-01	NELSON, DONALD J	BIOCHEMISTRY	F02
NS02716-01	PEDLEY, TIMOTHY A	PHYSIOLOGY	F11
NS57135-01	ROTH, RICHARD L	ANATOMY	F02
TW02073-01	SHISHIDO, KAZUO	CELL BIOLOGY	F05
INSTITUTION TOTAL	8		
CITY TOTAL	8		
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
AM57228-01	GALPIN, JEFFREY E	RENAL DISEASES	F03

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
AM55745-01	ODDIE, THOMAS H	ENDOCRINOLOGY	F03
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 41			
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
GM55868-01	SWANTON, MARSHAL T	MICROBIOLOGY	F02
INSTITUTION TOTAL 1			
CITY TOTAL 1			
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
GM57169-01	SOGIN, MITCHELL L	MICROBIOLOGY	F02
INSTITUTION TOTAL 1			
UNIVERSITY OF COLORADO MEDICAL CENTER			
NS02751-01	AUSTIN, JAMES H	PHARMACOLOGY	F11
GM55915-01	BETZ, JOAN M	BIOCHEMISTRY	F02
TW02034-01	GOUBE DE LAFOREST, PIERRE H	CELL BIOLOGY	F05
INSTITUTION TOTAL 3			
CITY TOTAL 4			
STATE TOTAL 5			
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
AM55826-01	COCHRANE, DAVID E	PHYSIOLOGY	F03
TW02067-01	JONES, REES H	MICROBIOLOGY	F05
CA02522-01	LUNDBERG, WALTER B, JR	CANCER CHEMOTHERAPY	F22
CA01888-01	MYERS, MARJORIE W	PHARMACOLOGY	F22
CA54387-01	RUDOLPH, STEPHEN A	BIOCHEMISTRY	F03

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
GM55709-01	SOMMERS, PHILIP B	CLINICAL CHEMISTRY	F02
GM57035-01	TRITTON, THOMAS R	BIOCHEMISTRY	F02
INSTITUTION TOTAL	7		
CITY TOTAL	7		
STATE TOTAL	7		
DIST OF COL			
WASHINGTON			
CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER			
HD55192-01	DAVIS, DONALD A	ANATOMY	F03
INSTITUTION TOTAL	1		
GEORGETOWN UNIVERSITY			
NS02743-01	ZAVADIL, ANTHONY P, III	PHARMACOLOGY	F10
INSTITUTION TOTAL	1		
CITY TOTAL	2		
STATE TOTAL	2		
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
CA04007-01	HICKEY, THOMAS M	PHARMACOLOGY	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
CA04027-01	CALMES, ROBERT B, JR	MICROBIOLOGY	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
CA04029-01	DONAHOE, JOHN P	MICROBIOLOGY	F22
GM55828-01	HAUTALA, JUDITH A	GENETICS	F02
INSTITUTION TOTAL	2		
CITY TOTAL	2		
ATLANTA			
EMORY UNIVERSITY			
GM56069-01	ALTHEIMER, LURA E	PHYSIOLOGY	F14
HD55742-01	GOULD, KENNETH G	PHYSIOLOGY	F02
INSTITUTION TOTAL	2		
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
DE55404-01	OKABE, TORU	HEALTH-RELATED ENGINEERING	F03
INSTITUTION TOTAL	1		
CITY TOTAL	3		
STATE TOTAL	5		
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
GM57177-01	FITCH, WALTER M	GENETICS	F03
HD55134-01	ROGERS, BEVERLY J	PHYSIOLOGY	F02
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
TW02071-01	KONDO, KAZUHIKO	BIOLOGY	F05
HD47493-01	TYMOCZKO, JOHN L	CELL BIOLOGY	F02
INSTITUTION TOTAL	2		
CITY TOTAL	2		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
HD57366-01	BOLLENBACHER, WALTER E, JR	BIOCHEMISTRY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
GM56046-01	KING, TIMOTHY E	BIOPHYSICS	F12
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LAFAYETTE			
PURDUE UNIVERSITY			
GM55939-01	KILLINGER, JOANNE M	BIOCHEMISTRY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
GM56073-01	JOLIE, CLAIRE L	MICROBIOLOGY	F14
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HL55882-01	PLOTH, DAVID W	RENAL DISEASES	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
GM55798-01	RUTH, JAMES A	CHEMISTRY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
GM55983-01	JOHNSON, SHERRY A	BIOCHEMISTRY	F02
HD48583-01	KING, JOAN E	ANATOMY	F02
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
MARYLAND			
BALTIMORE			
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
CA55121-01	CARROLL, DANA	CELL BIOLOGY	F03
INSTITUTION TOTAL	1		
JOHNS HOPKINS UNIVERSITY			
AM55921-01	BAYLIN, STEPHEN B	ENDOCRINOLOGY	F03
HD57011-01	BROWN, BARRY L	PHYSIOLOGY	F02
NS57240-01	CRAGO, PATRICK E	PHYSIOLOGY	F02
NS02736-01	DAVIS, LARRY E	MICROBIOLOGY	F11
NS11069-01	DE LONG, MAHLON D	PHYSIOLOGY	F11
AI55894-01	ELFENBEIN, DIANNE S	PEDIATRICS	F03
HD57023-01	MEADOW, NORMAN D	CELL BIOLOGY	F03
TW02085-01	THORELL, JAN I	RADIOISOTOPES	F05
GM57140-01	VINCENT, RUSSELL A, JR	NONCLINICAL RADIATION	F02
INSTITUTION TOTAL	9		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND		PROFESSIONAL SCHOOLS	
TW02086-01	GLAUMANN, HANS A	PATHOLOGY	F05
INSTITUTION TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	11		
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
TW02105-01	HOLDER, GERALD M	PHARMACOLOGY	F05
GM55677-01	HONG, FELIX T	BIOPHYSICS	F03
TW00144-01	KABAT, ELVIN A	FOGARTY INTERNATIONAL SCHOLARSHIP	F15
TW02101-01	LIEBAERS, INGEBORG	METABOLIC DISEASES	F05
CA04011-01	MAC DONNELL, PAUL C	BIOCHEMISTRY	F22
INSTITUTION TOTAL	5		
CITY TOTAL	5		
ROCKVILLE			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTE OF MENTAL HEALTH			
TW02049-01	KIM, CHUNG C	PHYSIOLOGY	F05
TW02095-01	PERICIC, DANKA	PHARMACOLOGY	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	18		
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
GM55942-01	INDERLIED, CLARK B	MICROBIOLOGY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
BOSTON			
BOSTON UNIVERSITY			
DE55622-01	STONE, DAVID M	CLINICAL DENTISTRY	F02
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
TW02025-01	ALVAREZ-URIA, MANUEL	ANATOMY	F05
TW02036-01	DOLAIS, JACQUELINE R	BIOCHEMISTRY	F05

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
TW02099-01	HEYNDRICKX, GUY R	CARDIOVASCULAR DISEASES	F05
TW02084-01	LINDSTROM, SIVERT H	PHYSIOLOGY	F05
HD54583-01	MORGAN, ROBERT W, JR	HEALTH ADMINISTRATION	F03
CA02540-01	PARKER, LEROY M	PHARMACOLOGY	F22
GM55777-01	PAROLA, ABRAHAM H	BIOCHEMISTRY	F02
CA04015-01	REDDI, PENCHALA K	BIOCHEMISTRY	F22
GM57036-01	SYTKOWSKI, ARTHUR J	BIOCHEMISTRY	F03
AI57387-01	ZEIGER, ROBERT S	PEDIATRICS	F03
INSTITUTION TOTAL 10			
MASSACHUSETTS GENERAL HOSPITAL			
NS11001-01A1	CROWELL, ROBERT M	NEUROLOGY	F11
INSTITUTION TOTAL 1			
PETER BENT BRIGHAM HOSPITAL			
HL55843-01	FISCHL, STEPHEN J	PHYSIOLOGY	F03
INSTITUTION TOTAL 1			
RETINA FOUNDATION			
EY57055-01	CAVANAGH, HARRISON D	OPHTHALMOLOGY	F03
EY54658-01A1	NORTH, RICHARD D	MICROBIOLOGY	F03
INSTITUTION TOTAL 2			
VETERANS ADMINISTRATION HOSPITAL (JAMAICA PLAINS)			
NS02720-01	BUTLER, RUSSELL B	CLINICAL PSYCHOLOGY	F10
INSTITUTION TOTAL 1			
CITY TOTAL 16			
CAMBRIDGE			
HARVARD UNIVERSITY			
NS55862-01	COATES, STEVEN R	PHYSIOLOGY	F02
AI55825-01	HUMPHREYS, ROBERT E	MICROBIOLOGY	F03
HD54898-01	PINE, KAY S	BIOLOGY	F03
GM49012-01	TAKEMOTO, JON Y	MICROBIOLOGY	F02
INSTITUTION TOTAL 4			

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
GM58698-01	GERCHBERG, RALPH W	BIOPHYSICS	F03
CA03194-01	JACOBSON, RICHARD M	CHEMISTRY	F22
AI54112-01	MILCAREK CHRISTINE A	MICROBIOLOGY	F02
GM56066-01	SALTERS, GRACE H	BIOCHEMISTRY	F14
NS02740-01	STEFANSKI, RAYMOND A	PHYSIOLOGY	F10
INSTITUTION TOTAL	5		
CITY TOTAL	9		
WALTHAM			
BRANDEIS UNIVERSITY			
GM55876-01	AVERILL, BRUCE A	BIOCHEMISTRY	F02
INSTITUTION TOTAL	1		
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
NS57056-01	CARTER, THOMAS P	BIOCHEMISTRY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	2		
STATE TOTAL	28		
MICHIGAN			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
CA04002-01	BEHNKE, JAMES N	MICROBIOLOGY	F22
CA04006-01	FARRAR, WILLIAM W	MICROBIOLOGY	F22
HD54041-01	SEGUIN, BRADLEY E, III	PHYSIOLOGY	F02
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
GM57269-01	HENKEL, JAMES G	CHEMISTRY	F02

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
TW02047-01	SHVIL, YIGAL	RENAL DISEASES	F05
NS02739-01	SOECHTING, JOHN F	PHYSIOLOGY	F10
GM57033-01	WIREMAN, JOHN W	MICROBIOLOGY	F02
INSTITUTION TOTAL	4		
CITY TOTAL	4		
ROCHESTER			
MAYO FOUNDATION--MAYO CLINIC			
NS55537-01	RUSSELL, JAMES A	PHYSIOLOGY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	5		
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
AM57308-01	ADAIR, WINSTON L, JR	HEMATOLOGY	F02
AI55914-01	BRILES, DAVID E	MICROBIOLOGY	F02
GM43163-01	KURZ, LINDA J	BIOCHEMISTRY	F02
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
CA04026-01	BRINCKERHOFF, CONSTANCE	CELL BIOLOGY	F22
CA04028-01	CAHN, FREDERICK	CELL BIOLOGY	F22
GM56061-01	HILL, NICHOLAS S	PHYSIOLOGY	F12
CA04009-01	LEDBETTER, MARY L	PATHOLOGY	F22
CA04035-01	PHILLIPS, PHILIP G	BIOLOGY	F22
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	5		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
HD55976-01	SMITH, DANIEL S	SOCIOLOGY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
HD57250-01	RIGLER, GERALD L	ENDOCRINOLOGY	F02
AM55975-01	SCHADE, DAVID S	DIABETES	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
NEW YORK			
BUFFALO			
CHILDREN'S HOSPITAL			
CA04018-01	VLADUTIU, GEORGIRENE	BIOCHEMISTRY	F22
INSTITUTION TOTAL	1		
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA02084-01	BOYGO, DENNIS A	PHARMACOLOGY	F22
INSTITUTION TOTAL	1		
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
CA02787-01	RASMUSSEN, JERALD K	CHEMISTRY	F22
INSTITUTION TOTAL	1		
CITY TOTAL	3		
ITHACA			
CORNELL UNIVERSITY			
AI57160-01	CARLSON, JACK H	VETERINARY MEDICINE	F02

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
ITHACA			
CORNELL UNIVERSITY			
AM55638-01	GREEN, MICHAEL H	NUTRITION	F02
GM55889-01	HILL, DOYLE E	BIOCHEMISTRY	F02
GM57227-01	POOLE, ROBERT W	BIOSTATISTICS	F03
AM55002-01	SMITH, CLARK W	BIOCHEMISTRY	F02
INSTITUTION TOTAL	5		
CITY TOTAL	5		
NEW YORK			
COLUMBIA UNIVERSITY			
AM57134-01	REGAN, THOMAS M	VETERINARY MEDICINE	F03
GM55850-01	SCHUSTER, GARY B	CHEMISTRY	F02
INSTITUTION TOTAL	2		
NEW YORK MEDICAL COLLEGE			
TW02080-01	HUNG, POR T	OPHTHALMOLOGY	F05
INSTITUTION TOTAL	1		
POLYTECHNIC INSTITUTE OF NEW YORK			
GM57372-01	BERNICH, ERIKA	HEALTH-RELATED ENGINEERING	F03
INSTITUTION TOTAL	1		
ROCKEFELLER UNIVERSITY			
CA04005-01	EDELSON, PAUL J	MICROBIOLOGY	F22
CA04008-01	KHOURY, ALLAN T	MICROBIOLOGY	F22
INSTITUTION TOTAL	2		
YESHIVA UNIVERSITY			
CA04010-01	LEFF, JUDITH	MICROBIOLOGY	F22
INSTITUTION TOTAL	1		
CITY TOTAL	7		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
GM57201-01	LAZAR, JEROME M	ANATOMY	F02

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
GM57120-01	MUIRHEAD, KATHARINE A	BIOCHEMISTRY	F02
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
GM56049-01	SANDHAUS, ROBERT A	PATHOLOGY	F12
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	18		
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
CA04032-01	HUANG, ENG-SHANG	MICROBIOLOGY	F22
AI55821-01	KLEIN, JOEL D	PEDIATRICS	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DURHAM			
DUKE UNIVERSITY			
NS11063-01	BIGNER, DARELL D	PATHOLOGY	F11
TW02108-01	COTTEE, LYNNE J	ANATOMY	F05
GM55819-01	HARRIS, ELIZABETH H	GENETICS	F02
GM57295-01	KIM, ROSALIND	GENETICS	F02
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STATE TOTAL	6		
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
NS02741-01	CONNOR, WILLIAM S	MICROBIOLOGY	F10

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
HL57064-01	LIEBMAN, JEROME	PHYSIOLOGY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
COLUMBUS			
OHIO STATE UNIVERSITY			
CA04024-01	AMICK, DAVID R	CHEMISTRY	F22
TW02075-01	TAKEUCHI, OSAMU	ONCOLOGY	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM57158-01	CRAIG, ALBERT M	BIOCHEMISTRY	F02
GM55928-01	REVZIN, ARNOLD	BIOCHEMISTRY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON MEDICAL SCHOOL			
HD57085-01	ETTINGER, BRUCE B	OBSTETRICS AND GYNECOLOGY	F03
TW02002-01	MONTOYA, GONZALO A	PHARMACOLOGY	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
TW02118-01	BAKER, HUGH W	ENDOCRINOLOGY	F05

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
GM56065-01	BARTON, NORMAN W	BIOCHEMISTRY	F12
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
AM57162-01	BERMAN, WALLACE F	GASTROENTEROLOGY	F03
INSTITUTION TOTAL	1		
INSTITUTE FOR CANCER RESEARCH			
CA04030-01	DUBROFF, LEWIS M	BIOLOGY	F22
GM57317-01	MIDELFORT, CHRISTIAN F	BIOCHEMISTRY	F02
INSTITUTION TOTAL	2		
UNIVERSITY OF PENNSYLVANIA			
GM57329-01	CHENG, WEN-KWEI	BIOPHYSICS	F03
GM57329-01	CHENG, WEN-KWEI	BIOPHYSICS	F03
AI55354-01	INCARDONA, ANTONINO	MICROBIOLOGY	F03
GM55064-01A1	OWEN, CHARLES SCOTT	BIOPHYSICS	F03
GM58697-01	SLABY, FRANK J	BIOLOGY	F02
AM55449-01	TUSZYNSKI, GEORGE P	BIOCHEMISTRY	F02
INSTITUTION TOTAL	6		
CITY TOTAL	9		
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
DE57183-01	MOORE, PAUL A	PHARMACOLOGY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	12		
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
AI55816-01	DE MARCHI, JEANETTE M	MICROBIOLOGY	F02

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
HD54917-01	JAFFEE, RANDAL C	BIOCHEMISTRY	F02
AM55892-01	RICHMAN, ROBERT A	ENDOCRINOLOGY	F03
INSTITUTION TOTAL	3		
CITY TOTAL	3		
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
GM45837-01	O'NEILL, JAMES P	GENETICS	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	4		
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
GM55962-01	ASTRIN, KENNETH H	GENETICS	F02
CA04003-01	CONRAD, ROBERT S	BIOCHEMISTRY	F22
AM57255-01	GILLARD, BAIBA	BIOCHEMISTRY	F02
CA04014-01	PIERSON, DUANE L	BIOCHEMISTRY	F22
CA04016-01	STEINER, MARION	MICROBIOLOGY	F22
TW02003-01	TAMPIER, LUTSKE	PHARMACOLOGY	F05
TW02097-01	TRONTELJ JOZE V	PHYSIOLOGY	F05
HL55967-01	WALLICK, EARL T	PHYSIOLOGY	F03
AM55382-01	WANG, TAI-TZER	BIOCHEMISTRY	F03
INSTITUTION TOTAL	9		
RICE UNIVERSITY			
CA04017-01	TROWBRIDGE, SIDNEYE C	BIOCHEMISTRY	F22
INSTITUTION TOTAL	1		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
TW02050-01	HAKUMAKI, MARTTI O	CARDIOVASCULAR DISEASES	F05
INSTITUTION TOTAL	1		
CITY TOTAL	11		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS			
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
CA04004-01	COSTLOW, MARK E	CELL BIOLOGY	F22
AM55966-01	VAUGHAN, MARY K	ENDOCRINOLOGY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	13		
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
AM57209-01	BLOOMER, LINDA C	BIOCHEMISTRY	F02
TW02029-01	SIMON, JOSE	PHYSIOLOGY	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
CA04025-01	BRANFMAN, ALAN R	BIOCHEMISTRY	F22
GM56050-01	GROVER, WILLIAM H	MICROBIOLOGY	F12
HD55183-01	OGLE, THOMAS F	ENDOCRINOLOGY	F02
NS51814-01	ROBARDS, MARTINE J	ANATOMY	F02
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STATE TOTAL	4		
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
GM55355-01	ANDERSON, LARRY E	CELL BIOLOGY	F02
DE55669-01	EILENBERG, GERALD R	PHYSIOLOGY	F02
AM57009-01	JACOBS, THOMAS P	ENDOCRINOLOGY	F03
CA04042-01	JOHNSON, ROOSEVELT Y	CELL BIOLOGY	F22

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
AM55795-01	MECKLENBURG, ROBERT S	ENDOCRINOLOGY	F03
AM55972-01	PAWLSON, LEONARD G	ENDOCRINOLOGY	F03
AM57126-01	PECORARO, ROGER E	DIABETES	F03
TW02057-01	ULSTEIN, MAGNAR K	PHYSIOLOGY	F05
INSTITUTION TOTAL	8		
CITY TOTAL	8		
STATE TOTAL	8		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
GM56067-01	ALEXANDER, RAYMOND H	MICROBIOLOGY	F14
NS51697-01	CHURCHILL, LYNN	BIOCHEMISTRY	F02
CA04033-01	GROSSMAN, STEVEN H	BIOCHEMISTRY	F22
DE55082-01	GUY, WARREN S	BIOCHEMISTRY	F03
NS57012-01	JAVEL, ERIC	PHYSIOLOGY	F02
GM55749-01	LEHMAN, JOHN F	GENETICS	F02
CA55861-01	SHARMA, RAMESHWAR K	CELL BIOLOGY	F03
CA04019-01	ZARLING, DAVID A	CELL BIOLOGY	F22
INSTITUTION TOTAL	8		
CITY TOTAL	8		
STATE TOTAL	8		
AUSTRALIA			
PARKVILLE			
UNIVERSITY OF MELBOURNE			
GM55820-01	SILINSKY, EUGENE M	PHYSIOLOGY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CANADA			
LONDON			
UNIVERSITY OF WESTERN ONTARIO			
AI55910-01	GILLELAND, HARRY E, JR	MICROBIOLOGY	F02

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
CANADA			
MONTREAL			
MCGILL UNIVERSITY			
NS02749-01	HARDY, TYRONE L	SURGERY	F11
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAINT JOHNS			
MEMORIAL UNIVERSITY OF NEWFOUNDLAND			
CA04013-01	MICHALSKI, CHESTER J	BIOCHEMISTRY	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
FRANCE			
PARIS			
COLLEGE OF FRANCE			
NS02722-01	HOLDEN, JOSEPH T	BIOCHEMISTRY	F10
INSTITUTION TOTAL	1		
CITY TOTAL	1		
VILLEJUIF			
INSTITUT GUSTAVE ROUSSY			
CA55721-01	LABROSSE, ELWCOD H	BIOCHEMISTRY	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
JAPAN			
NAGOYA			
AICHI CANCER CENTER			
CA55904-01	MURPHY, EDWIN D	PATHOLOGY	F03

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
SWITZERLAND			
GENEVA			
UNIVERSITY OF GENEVA			
AI57137-01	SMITH, DAVID H	PEDIATRICS	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ZURICH			
UNIVERSITY OF ZURICH			
GM57239-01	SIME, RODNEY J	BIOPHYSICS	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
UNITED KINGDOM			
CAMBRIDGE			
MEDICAL RESEARCH COUNCIL			
GM55747-01	HITCHCOCK, SARAH E	PHYSIOLOGY	F03
INSTITUTION TOTAL	1		
UNIVERSITY OF CAMBRIDGE			
GM57205-01	DE TERRA, NOEL	CELL BIOLOGY	F03
HD55682-01	KNODEL, JOHN E	SOCIOLOGY	F03
INSTITUTION TOTAL	2		
CITY TOTAL	3		
HARROW			
CLINICAL RESEARCH CENTER			
AM57186-01	FRIOU, GEORGE J	IMMUNOLOGY	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
UNITED KINGDOM			
LONDON			
IMPERIAL CANCER RESEARCH FUND			
CA57309-01	BALDUZZI, PIERO C	MICROBIOLOGY	F03
INSTITUTION TOTAL	1		
UNIVERSITY OF LONDON			
GM57217-01	ANDERSON, CHARLES R	PHYSIOLOGY	F02
CA04012-01	MARTIN, GAIL R	BIOLOGY	F22
INSTITUTION TOTAL	2		
CITY TOTAL	3		
OXFORD			
UNIVERSITY OF OXFORD			
HD55986-01	MIRKIN, BERNARD L	PHARMACOLOGY	F03
INSTITUTION TOTAL	1		
CITY TOTAL	1		
PORTSMOUTH			
PORTSMOUTH POLYTECHNIC			
GM55946-01	HJELM, REX P, JR	BIOCHEMISTRY	F02
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	9		
TOTAL	245		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
ALABAMA			
UNIVERSITY			
UNIVERSITY OF ALABAMA			
ES34113-01	HAYES, A WALLACE	ENVIRONMENTAL AND MOLECULAR EFFECTS OF RUBRATOXIN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
CA70594-01	BURNS, E ROBERT	CHRONOBIOLOGICAL STUDY OF CELL GROWTH	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
HL70820-01	CROSS, CARROLL E	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LA JOLLA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
GM70761-01	BRODY, STUART	DEVELOPMENTAL GENETICS OF NEUROSPORA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
AM70792-01	HOMSHER, EARL	ENERGY LIBERATION AND TRANSDUCTION IN CONTRACTING MUSCLE	K04
HD70636-01	SHOME, BASUDEV	STRUCTURE OF HUMAN PITUITARY FSH AND LH	K04
INSTITUTION TOTAL	2		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF SOUTHERN CALIFORNIA			
AM70518-01	APPLEMAN, M MICHAEL	CYCLIC NUCLEOTIDES AS MEDIATORS OF PHYSIOLOGICAL CONTROL	K04
CA70675-01	BEIERLE, JOHN W	EFFECT OF CELL EXUDATES ON ORAL TUMORS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	4		
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
NS70777-01	FIELDS, HOWARD L	NEUROPHYSIOLOGY OF PAIN	K04
AM70779-01	KAN, YUET W	STUDIES ON SICKLE CELL ANEMIA AND THALASSEMIA	K04
GM70718-01	KOLLMAN, PETER A	INTERMOLECULAR INTERACTIONS IN CHEMISTRY AND BIOLOGY	K04
GM70770-01	SMITH, ALLAN L	STUDY OF CIRCULATORY RESPONSE TO ANESTHETICS	K04
NS70739-01	WHEELER, KENNETH T, JR	EFFECT OF RADIATION AND DRUGS ON DNA OF NORMAL BRAIN	K04
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	11		
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
HD70165-01A1	JONES, RICHARD E	ENDOCRINE CONTROL OF OVARIAN FOLLICULAR GROWTH	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
FORT COLLINS			
COLORADO STATE UNIVERSITY			
AI70813-01	HILL, GEORGE C	DNA AND CYTOCHROMES IN KINETOPLASTIDAE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
GM70729-01	HIGGINS, JOAN A	BIOGENETIC STUDY OF CELLULAR MEMBRANES	K04

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
LM71036-01	HERTZ, ROY	CHORIOCARCINOMA AND RELATED TROPHOBLASTIC TUMORS	K10
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
CA70187-01A1	CRISS, WAYNE E	METABOLIC CONTROLS IN NEOPLASIA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
GM70758-01	SMITH, P DENNIS	RECOMBINATION PROFICIENCY IN DROSOPHILA MELANOGASTER	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
HL70057-01A2	SPEIR, WILLIAM A, JR	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
AI70235-01A1	BELL, CLARA	FOREIGN RNA FOR ANTIBODY SYNTHESIS BY LYMPHOID CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
EVANSTON			
NORTHWESTERN UNIVERSITY			
AI70632-01	DUMAS, LAWRENCE B	THE ROLE OF HOST CELL PROTEINS IN VIRUS DNA REPLICATION	K04
AI70497-01	WU, TAI T	STRUCTURES OF THE VARIABLE REGIONS OF ANTIBODIES	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA			
GM70689-01	MUNCK, ECKARD	STUDY OF PROPERTIES OF OXYGENASE SYSTEMS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	4		
INDIANA			
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
HL70717-01	CASTELLINO, FRANCIS J	PLASMINOGEN AND PLASMIN: STRUCTURE AND FUNCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
HL70073-01A1	KERBY, GERALD R	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
AM70726-01	WOOD, JACKIE D	FUNCTION OF ENTERIC NEURONS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
STATE TOTAL	2		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
AI71026-01	ADKINSON, N FRANKLIN, JR	SUPPORT FOR IMPROVEMENT OF ALLERGIC-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
EY28936-01A1	LAING, RONALD A	MEASUREMENT OF RETINAL A-VO2 DIFFERENCE	K04
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
EY70800-01	BERSON, ELICT L	ELECTROPHYSIOLOGICAL STUDIES OF RETINAL DEGENERATIONS	K04
NS70806-01	PATTERSON, PAUL H	CELLULAR INTERACTION IN TISSUE CULTURE	K04
GM70755-01	POLLARD, THOMAS D	THE MOLECULAR MECHANISM OF CELLULAR MOTILITY	K04
INSTITUTION TOTAL	3		
NEW ENGLAND MEDICAL CENTER HOSPITAL			
EY70275-01A1	SOKOL, SAMUEL	ELECTROPHYSIOLOGICAL INDICES OF PHOTOPIC MECHANISMS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	5		
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
GM70724-01	HUBERMAN, JOEL A	MECHANISM OF DNA REPLICATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	6		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
MICHIGAN			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
CA70808-01	VELICER, LELAND F	MOLECULAR BIOLOGY OF RNA TUMOR VIRUSES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
HL70816-01	RODARTE, JOSEPH R	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
HL70752-01	NAVAR, LUIS G	INTRINSIC REGULATION OF RENAL HEMODYNAMICS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
AM70756-01	FORTE, LEONARD R	STUDIES OF KIDNEY HORMONE RECEPTORS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAINT LOUIS			
WASHINGTON UNIVERSITY			
NS70090-01A1	AGRAWAL, HARISH C	STUDIES ON MYELIN PROTEIN IN DEVELOPING BRAIN	K04

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
CA70730-01	LIN, HSIU-SAN	EFFECT OF CYTOTOXIC DRUGS ON LYMPHOMA CELLS	K04
HL19586-01A1	NEEDLEMAN, PHILIP	STUDY OF ORGANIC NITRATES	K04
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	4		
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
HL70833-01	VALL-SPINOSA, ARTHUR	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK			
ITHACA			
CORNELL UNIVERSITY			
HD70510-01	LEVITSKY, DAVID A	NUTRITION AND BEHAVIOR	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
AI70847-01	KEUSCH, GERALD T	SHIGELLOSIS: EXOTOXIN, PATHOGENESIS & TOXOID VACCINE	K04
INSTITUTION TOTAL	1		
COLUMBIA UNIVERSITY			
HD70760-01	BRASEL, JO A	NUTRITION AND CELL GROWTH	K04
INSTITUTION TOTAL	1		
CORNELL UNIVERSITY MEDICAL COLLEGE			
AI70754-01	JONES, THOMAS C	MECHANISMS OF MICROBIAL SURVIVAL IN PHAGOCYTIC CELLS	K04
INSTITUTION TOTAL	1		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
NEW YORK			
NEW YORK			
NEW YORK MEDICAL COLLEGE			
CA70812-01	THEIS, GAIL A	MAREK'S DISEASE: AN IMMUNOGENETIC STUDY	K04
AI70789-01	THURSH, DONALD R	CIRCULATING LYMPHOID CELLS IN SPECIFIC IMMUNITY	K04
INSTITUTION TOTAL	2		
NEW YORK UNIVERSITY			
AI36028-01A1	FINKELSTEIN, MARTIN S	VIRAL RESISTANCE TO PLANT LECTINS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	6		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
AI70834-01	ABRAHAM, GEORGE N	SUPPORT FOR IMPROVEMENT OF ALLERGIC-DISEASE CURRICULUM	K07
AI70736-01	COHEN, NICHOLAS	LYMPHOCYTE PHYLOGENY--DIVERSE REACTIONS TO H-ANTIGENS	K04
HL70822-01	HALL, WILLIAM J	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
AI70655-01	TABER, HARRY W	CONTROL OF BACTERIAL MEMBRANE SYNTHESIS	K04
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STATE TOTAL	11		
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
HL70728-01	HARRISON, JOHN H	STUDY OF MALATE DEHYDROGENASE FROM PORCINE HEART	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
AI70767-01	MC CALL, CHARLES E	FUNCTIONAL & METABOLIC PROPERTIES OF TOXIC NEUTROPHILS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
HL70068-01A1	FREIHOFER, ARNO F	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
CA70709-01	CULP, LLOYD A	SURFACE PROPERTIES OF CANCER AND REVERTANT CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
COLUMBUS			
OHIO STATE UNIVERSITY			
GM70711-01	KLAPPER, MICHAEL H	PROTEIN STRUCTURE-FUNCTIONS, PHEROMONES IN LOWER PLANTS	K04
GM70742-01	SCOTT, ROY A, III	CONFORMATIONAL STUDY OF POLYPEPTIDES AND NUCLEIC ACID	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
PENNSYLVANIA			
PHILADELPHIA			
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
HL70832-01	HOLSCLAW, DOUGLAS S	SUPPORT FOR IMPROVEMENT OF PULMONARY-DISEASE CURRICULUM	K07
INSTITUTION TOTAL	1		
MEDICAL COLLEGE OF PENNSYLVANIA			
NS70476-01A1	LEVINE, RHEA J	STUDY OF LIMULUS MUSCLE	K04
INSTITUTION TOTAL	1		
THOMAS JEFFERSON UNIVERSITY			
AI70731-01	LIBERTI, PAUL A	PHYSICAL BIOCHEMISTRY OF ANTIGEN-ANTIBODY INTERACTIONS	K04
INSTITUTION TOTAL	1		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
GM70771-01	DUTTON, P LESLIE	MEMBRANE BIOENERGETICS BY SPECTROPHOTOMETRY	K04
HD70575-01	EPPLE, GISELA M	PHEROMONES IN PRIMATE REPRODUCTION AND SOCIAL BEHAVIOR	K04
INSTITUTION TOTAL	2		
CITY TOTAL	5		
STATE TOTAL	5		
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
GM70725-01	KARAM, JIM D	DNA REPLICATION AND REPAIR OF T4 PHAGE	K04
CA70412-01A1	WISE, WILLIAM C	AMINO ACID TRANSPORT IN NORMAL AND NEOPLASTIC CELLS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE MEDICAL UNITS			
HD70462-01	BURGHEN, GEORGE A	STUDY OF INSULIN AND PROINSULIN IN JUVENILE DIABETES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NASHVILLE			
VANDERBILT UNIVERSITY			
NS70793-01	ROELOFS, ROBERT I	A STUDY OF HUMAN SKELETAL MUSCLE IN TISSUE CULTURE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
AM70763-01	MC GARRY, JOHN D	REGULATION AND TREATMENT OF DIABETIC KETOACIDOSIS	K04

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
GM70714-01	STRAUSS, MICHAEL J	SYNTHESIS OF NEW PHARMACEUTICALS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
GM70733-01	DANIELSON, DONALD A	MATHEMATICAL MODELS FOR PROBLEMS IN PHYSIOLOGY	K04
HL70759-01	GEAR, ADRIAN R	PLATELET SURVIVAL AND FUNCTION: ROLE OF MITOCHONDRIA	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
AI70863-01	MORAHAN, PAGE S	VIRAL DISEASE--IMMUNITY AND RESISTANCE INDUCING AGENTS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
NS70801-01	CAMERMAN, ARTHUR	STEREOCHEMICAL BASIS OF DRUG AND HORMONE ACTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
HL70740-01	DAVIS, LARRY D	CELLULAR POTENTIAL CHANGES CAUSING CARDIAC ARRHYTHMIA	K04
AI70721-01	DUNCAN, CHARLES L	STUDY OF ENTEROTOXIN OF C. PERFRINGENS TYPE A	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
TOTAL	76		

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	AUTHORIZING OFFICIAL	TITLE OF PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA15002-01	RUSCH, HAROLD P	NEW CANCER FACILITY	6,134,097
INSTITUTION TOTAL	1	6,134,097	
CITY TOTAL	1	6,134,097	
STATE TOTAL	1	6,134,097	
TOTAL	1	6,134,097	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS			
BENTON			
ARKANSAS DEPARTMENT OF SOCIAL AND REHABILITATIVE SERVICES--BENTON STATE HOSPITAL			
LM02052-01	HAWKINS, H M	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,043
INSTITUTION TOTAL	1	2,043	
CITY TOTAL	1	2,043	
STATE TOTAL	1	2,043	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
LM02143-01A1	DOUGHERTY, RICHARD M	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	39,446
INSTITUTION TOTAL	1	39,446	
CITY TOTAL	1	39,446	
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
LM02133-01	RUBENSTEIN, PAUL	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	11,969
INSTITUTION TOTAL	1	11,969	
UNIVERSITY OF SOUTHERN CALIFORNIA			
LM02025-01	CRAWFORD, WILLIAM H	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	12,000
INSTITUTION TOTAL	1	12,000	
CITY TOTAL	2	23,969	
NATIONAL CITY			
PARADISE VALLEY HOSPITAL			
LM02060-01	RICE, FRANK	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
NEWMAN			
WEST SIDE COMMUNITY HOSPITAL DISTRICT			
LM02148-01	HUSMAN, GRAYCE	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,768
INSTITUTION TOTAL	1	2,768	
CITY TOTAL	1	2,768	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5	69,183	
ILLINOIS			
ALTON			
ST. JOSEPH'S HOSPITAL			
LM02282-01	MESSERLE, JUDITH	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	22,729
INSTITUTION TOTAL	1	22,729	
CITY TOTAL	1	22,729	
BLOOMINGTON			
MENNONITE HOSPITAL			
LM02192-01	SCHMUCKER, JOYCE E	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,878
INSTITUTION TOTAL	1	2,878	
CITY TOTAL	1	2,878	
CHICAGO			
NORTHWESTERN UNIVERSITY			
LM02276-01	ORFANOS, MINNIE	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	20,169
INSTITUTION TOTAL	1	20,169	
CITY TOTAL	1	20,169	
STATE TOTAL	3	45,776	
INDIANA			
LA PORTE			
LA PORTE HOSPITAL			
LM02202-01	BACKER, BARBARA	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	1,700
INSTITUTION TOTAL	1	1,700	
CITY TOTAL	1	1,700	
STATE TOTAL	1	1,700	
KANSAS			
WICHITA			
INSTITUTE OF LOGOPEDICS			
LM01989-01	BERGER, CLYDE C	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
KENTUCKY			
LEXINGTON			
BLUEGRASS REGIONAL MENTAL HEALTH-MENTAL RETARDATION BOARD			
LM01938-01	SANDLER, NAT H	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
MARYLAND			
BALTIMORE			
FRANKLIN SQUARE HOSPITAL OF THE CITY OF BALTIMORE			
LM02003-01	HOPKINS, JOAN M	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	8,045
INSTITUTION TOTAL	1	8,045	
CITY TOTAL	1	8,045	
STATE TOTAL	1	8,045	
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
LM02115-01A1	PINGS, VERN M	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	72,000
LM02098-01	WILLIAMS, JAMES F, II	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	87,000
INSTITUTION TOTAL	2	159,000	
CITY TOTAL	2	159,000	
STATE TOTAL	2	159,000	
MISSOURI			
SAINT LOUIS			
REPRODUCTIVE BIOLOGY RESEARCH FOUNDATION			
LM01826-01	LOWRY, THOMAS P	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	3,000	
NEW JERSEY			
NEW BRUNSWICK			
ST. PETER'S GENERAL HOSPITAL			
LM02153-01	MC MULLEN, ELIZABETH	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	12,467
INSTITUTION TOTAL	1	12,467	
CITY TOTAL	1	12,467	
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--NEW JERSEY MEDICAL SCHOOL			
LM02228-01	MEIBOOM, ESTHER R	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	22,687
LM02238-01	PORT, JANE	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	38,624
INSTITUTION TOTAL	2	61,311	
CITY TOTAL	2	61,311	
STATE TOTAL	3	73,778	
NEW YORK			
BINGHAMTON			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--BINGHAMTON STATE HOSPITAL			
LM02055-01A1	FARUKI, GHULAM Y	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
BUFFALO			
CHILDREN'S HOSPITAL			
LM02144-01	ROBERTSON, THOMAS G	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	6,493
INSTITUTION TOTAL	1	6,493	
CITY TOTAL	1	6,493	
HELMUTH			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--GOWANDA STATE HOSPITAL			
LM02038-01	WUDYKA, MARK P	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,535
INSTITUTION TOTAL	1	2,535	
CITY TOTAL	1	2,535	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
AMERICAN JOURNAL OF NURSING COMPANY			
LM02007-01	PICCIANO, JACQUELINE	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	5,400
INSTITUTION TOTAL	1	5,400	
CITY TOTAL	1	5,400	
ORANGEBURG			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--ROCKLAND STATE HOSPITAL			
LM02021-01	KLINE, NATHAN S	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	5	67,428	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
LM02019-01	CAVANAGH, G S	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	25,000
INSTITUTION TOTAL	1	25,000	
CITY TOTAL	1	25,000	
STATE TOTAL	1	25,000	
OKLAHOMA			
BARTLESVILLE			
JANE PHILLIPS EPISCOPAL-MEMORIAL MEDICAL CENTER			
LM02300-01	BURCH, WESLEY	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
PENNSYLVANIA			
PHILADELPHIA			
PENNSYLVANIA HOSPITAL			
LM02291-01	MORRIS, CAROLINE S	IMPROVE ACCESS TO MEDICAL LIBRARY AND ARCHIVES	59,360
INSTITUTION TOTAL	1	59,360	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	59,360	
STATE TOTAL	1	59,360	
SOUTH DAKOTA			
VERMILLION			
DAKOTA HOSPITAL			
LM02104-01	GARRIS, DALE D	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
TEXAS			
HEREFORD			
DEAF SMITH GENERAL HOSPITAL			
LM02188-01	WELTY, RON R	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	1,000
INSTITUTION TOTAL	1	1,000	
CITY TOTAL	1	1,000	
LUBBOCK			
TEXAS TECH UNIVERSITY			
LM01777-01	BUESSELER, JOHN A	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	49,000
INSTITUTION TOTAL	1	49,000	
CITY TOTAL	1	49,000	
STATE TOTAL	2	50,000	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
LM01973-01	MAYDEN, PRISCILLA M	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	132,600
LM02317-01	MAYDEN, PRISCILLA M	MEDICAL LIBRARY RESOURCE PROJECT SUPPORT	80,493
INSTITUTION TOTAL	2	213,093	
CITY TOTAL	2	213,093	
STATE TOTAL	2	213,093	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
BIG STONE GAP			
LONESOME PINE HOSPITAL			
LM02253-01	WELKER, MONTE E	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,250
INSTITUTION TOTAL	1	3,250	
CITY TOTAL	1	3,250	
STATE TOTAL	1	3,250	
WISCONSIN			
HARTFORD			
HARTFORD MEMORIAL HOSPITAL			
LM02183-01	GRAHAM, PATRICIA L	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
TOTAL	34	795,656	

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